

REFRACTIVITY OF PURE ORGANIC LIQUIDS

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(The numerical data for the following compounds, which were selected from the literature by Alfred L. Dixon and Dr. Roger Adams, were compiled by Clarence J. West.)

The following table gives values for the density and the refractive indices for the $H_\alpha(\alpha)$, D(He values are *), $H_\beta(\beta)$ and $H_\gamma(\gamma)$ lines for the more important carbon compounds. In the literature column, the citation from which the values were selected is followed by a †. Values of wave-lengths represented by symbols are: H_α (α), 656.3m μ ; H_β (β), 486.15m μ ; H_γ (γ), 434.06m μ ; D(Na), 589.3m μ ; He, 587.6m μ .

C-Table; The C-Arrangement (v. Vol. III. p. viii) (Metallo-organic compounds at end of table)

Formula	Name	t_f , °C	d_4^t	α	D	β	γ	Lit.
CCl ₃ NO ₂	Trichloronitromethane.....	22.8	1.6511	1.45793	1.46075	1.46785	1.47377	(106)
CCl ₄	Carbon tetrachloride.....	12.3	1.6095	1.4599	1.4656	1.4726	1.4835	(132)
CN ₄ O ₈	Tetranitromethane.....	16.9	1.6425	1.43628	1.43976*	1.44835	1.45593	(74)
CS ₂	Carbon disulfide.....	18	1.2661	1.62011	1.62950	1.65439	1.67665	(111, † 112, 132, 133, 134, 149, 153, 154)
CHBr ₃	Bromoform.....	19.0	2.891	1.5875	1.5980	1.6107	1.6334	(132, † 134)
CHCl ₃	Chloroform.....	18	1.4844	1.44389	1.44643	1.45271	1.45779	(111, † 112, 124, 132, 134, 149)
CH ₂ I ₂	Methylene iodide.....	10.5	3.344	1.7275	1.7559	1.7750	1.8229(?)	(132)
CH ₂ O ₂	Formic acid.....	20	1.2188	1.36927	1.37137	1.37643	1.38041	(147)
CH ₃ I	Methyl iodide.....	21.0	2.274	1.5185	1.5293	1.5423	1.5652	(132, † 134)
CH ₃ NO	Formamide.....	22.7	1.1313	1.44292	1.44530	1.45426	1.46085	(106)
CH ₃ NO ₂	Nitromethane.....	21.6	1.1354	1.37884	1.38133	1.38771	1.39305	(106)
CH ₃ N ₂ O ₂	Methylnitroamine.....	48.6	1.2433	1.45722	1.46162	1.47211	1.48176	(109)
CH ₄ O	Methanol.....	14.50	0.7980	1.32948	1.33118	1.33490	1.33801	(122, 124, 148)
CH ₃ NO	β -Methylhydroxylamine.....	20.0	1.0003	1.41415	1.41638	1.42196	1.42639	(103, † 106)
C ₂ Br ₄ N ₂	Isocyanotetrabromide.....	55.0	2.6796	1.63917	1.64650		1.68421	(109)
C ₂ Cl ₂ O ₂	Oxalyl chloride.....	12.9	1.4888	1.43111	1.43395	1.44121	1.44743	(80)
C ₂ Cl ₄	Perchloroethylene.....	20	1.6226	1.50153	1.50547	1.51522	1.52368	(92)
C ₂ HBr ₃	Tribromoethylene.....	20	2.6876	1.59431	1.59919	1.61358	1.62548	(164)
C ₂ HCl ₃ O	Chloral.....	20	1.5121	1.45298	1.45572	1.46235	1.46786	(93)
C ₂ HCl ₅	Pentachloroethane.....	24.0	1.6697	1.49946	1.50250	1.50984	1.51576	(141)
C ₂ H ₂ Br ₂	Acetylene dibromide.....	20	2.2289	1.53898	1.54367	1.55548	1.56555	(164)
C ₂ H ₂ Br ₄	1, 1, 1, 2-Tetrabromoethane.....	20	2.8748	1.62244	1.62772	1.64130	1.65290	(164)
C ₂ H ₂ Br ₄	1, 1, 2, 2-Tetrabromoethane.....	20	2.9673	1.63263	1.63795	1.65114	1.66249	(164)
C ₂ H ₂ Cl ₄	1, 1, 1, 2-Tetrachloroethane.....	23.2	1.5466	1.47880	1.48162	1.48847	1.49405	(141)
C ₂ H ₃ Br ₃	1, 1, 2-Tribromoethane.....	20	2.5790	1.58444	1.58902	1.60064	1.61050	(164)
C ₂ H ₃ ClO	Acetyl chloride.....	20	1.1051	1.38736	1.38976	1.39543	1.40002	(80, 93†)
C ₂ H ₃ Cl ₃	1, 1, 1-Trichloroethane.....	21.0	1.3345	1.43287	1.43765	1.44176	1.44961	(91)
C ₂ H ₃ Cl ₃	1, 2, 2-Trichloroethane.....	22	1.4458	1.46927	1.47192	1.47862	1.48402	(141)
C ₂ H ₃ N	Acetonitrile.....	16.5	0.7863	1.34427	1.34596	1.35004	1.35333	(106)
C ₂ H ₃ NS	Methyl thiocyanate.....	23.8	1.0694	1.46509	1.46801	1.47624	1.48285	(158, 159)
C ₂ H ₃ N ₃	1, 2, 5-Triazole.....	25.3	1.1861	1.48189	1.48544	1.49432	1.50168	(106)
C ₂ H ₄ Br ₂	1, 1-Dibromoethane.....	20	2.0555	1.50900	1.51277	1.52215	1.53004	(164)
C ₂ H ₄ Br ₂	1, 2-Dibromoethane.....	20	2.1768	1.53396	1.53789	1.54793	1.55624	(140, 164†)
C ₂ H ₄ Cl ₂	1, 1-Dichloroethane.....	20	1.1743	1.41423	1.41655	1.42226	1.42671	(93, 164†)
C ₂ H ₄ Cl ₂	1, 2-Dichloroethane.....	20	1.2521	1.44189	1.44432	1.45024	1.45528	(93, 140, 141, 164†)
C ₂ H ₄ O	Ethylene oxide.....	8.4	0.8896	1.35819	1.35988	1.36411	1.36759	(16)
C ₂ H ₄ O ₂	Acetic acid.....	22.9	1.0446	1.36944	1.37152	1.37610	1.38003	(125, † 147)
C ₂ H ₅ Br	Ethyl bromide.....	20	1.4555	1.42113	1.42386	1.43046	1.43595	(164)
C ₂ H ₅ I	Ethyl iodide.....	7.0	1.9671	1.5124	1.5222	1.5343	1.5551	(132, † 134, 149)
C ₂ H ₅ NO	Acetaldoxime.....	20.4	0.9656	1.42290	1.42567	1.43270	1.43834	(106)
C ₂ H ₅ NO ₂	Nitroethane.....	24.3	1.0472	1.38768	1.39007		1.40102	(106)
C ₂ H ₅ NO ₃	Ethyl nitrate.....	21.5	1.1050	1.38254	1.38484		1.39511	(106)
C ₂ H ₅ N ₂ O	Nitrosodimethylamine.....	18.4	1.0049	1.43368	1.43743		1.45506	(106)
C ₂ H ₅ N ₂ O ₂	Dimethylnitroamine.....	72.3	1.1090	1.44246	1.44622		1.46519	(109)
C ₂ H ₆ O	Ethyl alcohol.....	18.35	0.7917	1.36062	1.36242	1.36662	1.37011	(122, † 133, 148, 149)
C ₂ H ₆ S	Ethylmercaptan.....	20	0.83907	1.42769	1.43055	1.43788	1.4445	(153, † 154)
C ₂ H ₇ NO	β -Ethylhydroxylamine.....	63.9	0.9079	1.41381	1.41519		1.42463	(103, 106†)
C ₂ H ₈ N ₂	asym.-Dimethylhydrazine.....	22.3	0.7914	1.40503	1.40753	1.41429	1.41990	(108, 109†)
C ₂ H ₈ N ₂	Ethylenediamine.....	26.1	0.8919	1.45113	1.45400	1.46065	1.46624	(106)

Formula	Name	<i>t</i> , °C	<i>d</i> ₄ ²⁵	α	D	β	γ	Lit.
C ₂ H ₁₀ N ₂ O	Ethylenediamine hydrate.....	20.5	0.9634	1.44732	1.44997	1.45630	1.46148	(106)
C ₃ H ₂ Cl ₂ O ₂	Malonyl chloride.....	22.1	1.4488	1.45866	1.46172	1.46904		(80)
C ₃ H ₂ N ₂	Malononitrile.....	34.2	1.0488	1.41259	1.41463		1.42371	(106)
C ₃ H ₃ NO	Isoxazole.....	16.6	1.0805	1.42685	1.42981*	1.43701	1.44321	(31)
C ₃ H ₄ N ₂	Pyrazole.....	99.8	1.0012	1.46633	1.47027*	1.47946	1.48666	(60)
C ₃ H ₄ O	Propargyl alcohol.....	20	0.9715	1.42796	1.43064	1.43734	1.44277	(92)
C ₃ H ₄ O	Acrolein.....	20	0.8410	1.39620	1.39975	1.40890	1.41691	(43,† 92)
C ₃ H ₄ O ₃	Pyrotartaric acid.....	15.3	1.2668	1.42768	1.43025		1.44110	(105)
C ₃ H ₅ Br	Allyl bromide.....	20	1.3980	1.46166	1.46545	1.47486	1.48297	(92)
C ₃ H ₅ Cl	Allyl chloride.....	20	0.9379	1.41245	1.41538	1.42248	1.42837	(95)
C ₃ H ₅ ClO	Epichlorohydrin.....	11.55	1.1927	1.43990	1.44195	1.44784	1.45264	(16,† 96)
C ₃ H ₅ ClO	Propionyl chloride.....	20	1.0646	1.40264	1.40507	1.41066	1.41541	(93)
C ₃ H ₅ N	Propionitrile.....	14.6	0.7872	1.36711	1.36888		1.37679	(106,† 132)
C ₃ H ₅ NO	Lactonitrile.....	18.4	0.9919	1.40374	1.40582		1.41454	(106)
C ₃ H ₆	Trimethylene.....	17.7	1.2105	1.43751	1.44021	1.44632	1.45131	(100)
C ₃ H ₆ ClNO	Dimethylchloroformamide.....	22.1	1.1657	1.44904	1.45196	1.45924	1.46538	(109)
C ₃ H ₆ I ₂	Trimethylene iodide.....	7.5	2.589	1.6347	1.6479	1.6643	1.6940	(132)
C ₃ H ₆ O	Allyl alcohol.....	20	0.8540	1.41051	1.41345	1.42004	1.42556	(92)
C ₃ H ₆ O	Propionaldehyde.....	20	0.8066	1.36157	1.36356	1.36825	1.37203	(92)
C ₃ H ₆ O	Acetone.....	19.4	0.79115	1.35672	1.35886	1.36366	1.36750	(125,† 134)
C ₃ H ₆ O ₂	Propionic acid.....	19.9	0.98706	1.38535	1.38736	1.39220	1.39596	(125,† 147)
C ₃ H ₆ O ₂	Ethyl formate.....	20	0.91678	1.35789	1.35975	1.36416	1.36762	(125,† 134)
C ₃ H ₆ O ₂	Methyl acetate.....	20	0.92438	1.35745	1.35935	1.36357	1.36707	(125)
C ₃ H ₇ Br	Isopropyl bromide.....	20	1.3097	1.42230	1.42508	1.43165	1.43709	(93)
C ₃ H ₇ Br	<i>n</i> -Propyl bromide.....	20	1.3529	1.43142	1.43414	1.44064	1.44625	(93)
C ₃ H ₇ Cl	<i>n</i> -Propyl chloride.....	20	0.8898	1.38659	1.38856	1.39344	1.39747	(92)
C ₃ H ₇ Cl ₂ N	Propyldichloroamine.....	23	1.1454	1.44940	1.45248		1.46595	(106)
C ₃ H ₇ I	Isopropyl iodide.....	20	1.7033	1.49519	1.49969	1.51080	1.52026	(93)
C ₃ H ₇ I	<i>n</i> -Propyl iodide.....	20	1.7427	1.50082	1.50508	1.51566	1.52467	(93)
C ₃ H ₇ N	Allylamine.....	21.8	0.7613	1.41645	1.41943	1.42686	1.43307	(106)
C ₃ H ₇ NO	Dimethylformamide.....	22.4	0.9484	1.42649	1.42938	1.43651	1.44254	(109)
C ₃ H ₇ NO ₂	Nitropropane.....	24.3	1.0081	1.39787	1.40027		1.41104	(106)
C ₃ H ₇ N ₂ O ₂	Ethylmethylnitroamine.....	19.2	1.0972	1.45326	1.45711	1.46668	1.47536	(109)
C ₃ H ₈ O	Isopropyl alcohol.....	20	0.7887	1.37569	1.37757	1.38210	1.38572	(93)
C ₃ H ₈ O	<i>n</i> -Propyl alcohol.....	20	0.8044	1.38345	1.38543	1.39008	1.39378	(92,† 148)
C ₃ H ₈ O ₂	Methylal.....	20	0.8604	1.35183	1.35344	1.35763	1.36085	(28, 93,† 108, 112)
C ₃ H ₉ N	<i>n</i> -Propylamine.....	16.6	0.7209	1.38793	1.39006	1.39532	1.39956	(106,† 132)
C ₃ H ₉ N	Isopropylamine.....	15.4	0.6935	1.37488	1.37698		1.38620	(106)
C ₄ N ₂	Acetylene dicyanide.....	25	0.9703	1.46021	1.46471	1.47610	1.48593	(151)
C ₄ HCl ₃ O ₂	<i>asym.</i> -Chloromaleyl chloride.....	18.1	1.6049	1.50948	1.51362	1.52356	1.53229	(80)
C ₄ HCl ₃ O ₂	Chlorofumaryl chloride.....	17.6	1.5662	1.51663	1.52172	1.53447	1.54625	(80)
C ₄ H ₂ Br ₂ S	α , α' -Dibromothiophene.....	13.8	2.1531	1.62643	1.63315*	1.64989	1.66504	(59)
C ₄ H ₂ Cl ₂ O ₂	Fumaryl chloride.....	18.1	1.4103	1.49592	1.50038	1.51274	1.52360	(80)
C ₄ H ₂ Cl ₃ N	γ , γ , γ -Trichlorocrotononitrile.....	11.2	1.4319	1.50837	1.51225	1.52242	1.53138	(86)
C ₄ H ₂ Cl ₄ O	Trichlorocrotonyl chloride.....	18.8	1.5292	1.51414	1.51812	1.52890	1.53823	(86)
C ₄ H ₂ BrS	α -Bromothiophene.....	15.8	1.6900	1.58350	1.58927*	1.60365	1.61644	(59)
C ₄ H ₂ ClS	α -Chlorothiophene.....	14.2	1.2838	1.54556	1.55068*	1.56333	1.57458	(59)
C ₄ H ₃ Cl ₂ N	γ , γ -Dichlorocrotononitrile.....	20	1.3049	1.49369	1.49735	1.50714	1.51500	(86)
C ₄ H ₃ Cl ₃ O	γ , γ -Dichlorocrotonyl chloride.....	19.6	1.4429	1.49547	1.49928	1.50818	1.51674	(86)
C ₄ H ₄ Cl ₂ O ₂	Succinyl chloride.....	15.2	1.3948	1.47042	1.47348	1.48076	1.48702	(80)
C ₄ H ₄ Cl ₂ O ₂	γ , γ -Dichlorocrotonic acid.....	99.4	1.3327	1.45680	1.45966	1.46777	1.47565	(86)
C ₄ H ₄ N ₂	Ethylene dicyanide.....	63.1	0.9848	1.41432	1.41645		1.42543	(106)
C ₄ H ₄ N ₂	Pyrazine.....	60.9	1.0311	1.49037	1.49526		1.52040	(109)
C ₄ H ₄ N ₂	Pyridazine.....	23.5	1.1035	1.51842	1.52311	1.53541	1.54641	(109)
C ₄ H ₄ O	Furfuran.....	20	0.9366	1.41837	1.42157	1.42967	1.43668	(41)
C ₄ H ₄ O ₃	γ -Hydroxy- Δ^4 -crotonolactone.....	99.3	1.2621	1.45349	1.45632	1.46464		(86)
C ₄ H ₄ S	α -Thiophene.....	16.8	1.0674	1.52570	1.53072*	1.54309	1.55392	(59,† 109, 144, 157, 158, 159)
C ₄ H ₅ BrN ₂	3-Methyl-4-bromopyrazole.....	99.6	1.5638	1.51402	1.51823*	1.52820	1.53677	(60)
C ₄ H ₅ BrO	α -Bromocrotonaldehyde.....	13.3	1.5797	1.51682	1.52142	1.53460	1.54578	(53)
C ₄ H ₅ ClO	Crotonyl chloride.....	17.9	1.0818	1.45594	1.46001	1.47060	1.47993	(80)
C ₄ H ₅ Cl ₃ O	γ , γ , γ -Trichlorobutyraldehyde.....	20	1.3956	1.47259	1.47554	1.48198	1.48736	(93)
C ₄ H ₅ Cl ₃ O	Ethyl trichloroacetate.....	20	1.3826	1.44802	1.45068	1.45673	1.46176	(93)

Formula	Name	$t, ^\circ\text{C}$	d_4^t	α	D	β	γ	Lit.
$\text{C}_4\text{H}_5\text{N}$	Crotononitrile.....	18.9	0.8225	1.41310	1.41607	1.42405	1.43080	(58)
$\text{C}_4\text{H}_5\text{N}$	Pyrrole.....	13.9	0.9613	1.50399	1.50851*	1.51955	1.52908	(60,† 106)
$\text{C}_4\text{H}_5\text{NO}$	α -Methylisoxazole.....	16.7	1.0259	1.43775	1.44087*	1.44826	1.45484	(31)
$\text{C}_4\text{H}_5\text{NO}$	γ -Methylisoxazole.....	18.15	1.0238	1.43296	1.43590*	1.44279	1.44882	(31)
$\text{C}_4\text{H}_6\text{Br}_2$	Dimethylacetylene dibromide.....	25.45	1.3180	1.45280	1.45616	1.46430	1.47115	(107)
$\text{C}_4\text{H}_6\text{Cl}_2\text{O}$	β -Chlorobutyl chloride.....	20.05	1.2165	1.44833	1.45085	1.45774	1.46341	(66)
$\text{C}_4\text{H}_6\text{Cl}_2\text{O}_2$	Ethyl dichloroacetate.....	20	1.2821	1.43615	1.43860	1.44435	1.44894	(93)
$\text{C}_4\text{H}_6\text{N}_2$	3-Methylpyrazole.....	16.3	1.0203	1.49330	1.49717*	1.50656	1.51465	(60)
$\text{C}_4\text{H}_6\text{N}_2$	C-Methylpyrazole.....	13.7	1.0227	1.49042	1.49412	1.50362	1.51157	(157)
$\text{C}_4\text{H}_6\text{N}_2\text{O}$	Dimethylfurazane.....	18.9	1.0495	1.42477	1.42713	1.43316	1.43816	(109)
$\text{C}_4\text{H}_6\text{N}_2\text{O}_2$	Ethyl diazoacetate.....	17.6	1.0852	1.45447	1.45876	1.47017	1.47994	(106)
$\text{C}_4\text{H}_6\text{O}$	Crotonaldehyde.....	17.3	0.8557	1.43415	1.43838	1.44908	1.45852	(43,† 44)
$\text{C}_4\text{H}_6\text{O}_2$	Trimethylenecarboxylic acid.....	17.1	1.0907	1.43488	1.43754	1.44363	1.44856	(110)
$\text{C}_4\text{H}_6\text{O}_2$	Methylacrylic acid.....	20	1.0153	1.42815	1.43143	1.43959	1.44635	(92, 94)
$\text{C}_4\text{H}_6\text{O}_2$	Isocrotonic acid.....	19.6	1.0261	1.44203	1.44579*	1.45495	1.46276	(69)
$\text{C}_4\text{H}_6\text{O}_2$	Diacetyl.....	18.5	0.9808	1.39105	1.39331	1.39897	1.40317	(18, 105†)
$\text{C}_4\text{H}_7\text{Br}$	2-Bromo-2-butene.....	25.35	1.3216	1.45490	1.45828	1.46637	1.47337	(107)
$\text{C}_4\text{H}_7\text{ClO}$	Butyryl chloride.....	20	1.0277	1.40971	1.41209	1.41781	1.42249	(93)
$\text{C}_4\text{H}_7\text{ClO}_2$	β -Chlorobutyric acid.....	19.85	1.1865	1.43992	1.44213	1.44828	1.45327	(66)
$\text{C}_4\text{H}_7\text{ClO}_2$	Ethyl chloroacetate.....	20	1.1585	1.42056	1.42274	1.42812	1.43228	(93)
$\text{C}_4\text{H}_8\text{N}_2\text{O}_3$	Nitrosomethylurethane.....	19.0	1.1402	1.43566	1.43905	1.44807		(118)
$\text{C}_4\text{H}_8\text{N}_2\text{O}_4$	Ethyl methylnitrocarbamate.....	23.0	1.2288	1.44507	1.44826	1.45628	1.46330	(109)
$\text{C}_4\text{H}_8\text{O}$	<i>n</i> -Butyraldehyde.....	20	0.8170	1.38222	1.38433	1.38932	1.39321	(93)
$\text{C}_4\text{H}_8\text{O}$	Isobutyraldehyde.....	20	0.7938	1.37094	1.37302	1.37769	1.38170	(93)
$\text{C}_4\text{H}_8\text{O}$	Methyl ethyl ketone.....	15.9	0.8087	1.37844	1.38071	1.38554	1.38938	(125)
$\text{C}_4\text{H}_8\text{O}_2$	<i>n</i> -Butyric acid.....	20.3		1.39582	1.39777	1.40271	1.40685	(131,† 147)
$\text{C}_4\text{H}_8\text{O}_2$	Isobutyric acid.....	20	0.9490	1.39093	1.39300	1.39722	1.40166	(92, 94)
$\text{C}_4\text{H}_8\text{O}_2$	Ethyl acetate.....	18.9	0.89464	1.37023	1.37216	1.37662	1.38022	(125,† 134, 149)
$\text{C}_4\text{H}_8\text{O}_2$	Methyl propionate.....	18.5	0.91662	1.37570	1.37767	1.38218	1.38596	(125)
$\text{C}_4\text{H}_8\text{O}_2$	Diethylene dioxide.....	16.8	1.0366	1.42003	1.42218*	1.42720	1.43146	(1)
$\text{C}_4\text{H}_9\text{Cl}_2\text{N}$	Isobutylchloroamine.....	24.0	1.0895	1.44544	1.44843	1.45577	1.46150	(106)
$\text{C}_4\text{H}_9\text{I}$	<i>n</i> -Butyl iodide.....	20	1.6166	1.49601	1.50006	1.51005	1.51844	(93)
$\text{C}_4\text{H}_9\text{I}$	Isobutyl iodide.....	20	1.6056	1.49192	1.49597	1.50566	1.51398	(93,† 132)
$\text{C}_4\text{H}_9\text{NO}$	Acetimidoethyl ether.....	18.8	0.8729	1.40122	1.40348	1.40887	1.41326	(109)
$\text{C}_4\text{H}_9\text{NO}$	Dimethylacetamide.....	22.5	0.9409	1.43436	1.43708	1.44398	1.44976	(109)
$\text{C}_4\text{H}_9\text{NO}$	Isobutyraldoxime.....	20.5	0.9015	1.42752	1.43022		1.44243	(106)
$\text{C}_4\text{H}_9\text{NO}_2$	Isobutyl nitrite.....	22.1	0.8699	1.36932	1.37151	1.37708	1.38196	(106)
$\text{C}_4\text{H}_9\text{NO}_3$	Isobutyl nitrate.....	23.3	1.0112	1.39904	1.40130	1.40699	1.41171	(106)
$\text{C}_4\text{H}_{10}\text{N}_2\text{O}$	Nitrosodiethylamine.....	19.9	0.9431	1.43535	1.43864		1.45422	(106)
$\text{C}_4\text{H}_{10}\text{N}_2\text{O}_2$	<i>n</i> -Butylnitroamine.....	23.0	1.0579	1.45680	1.46039	1.46906	1.47665	(109)
$\text{C}_4\text{H}_{10}\text{N}_2\text{O}_2$	<i>sec.</i> -Butylnitroamine.....	21.9	1.0566	1.45457	1.45810	1.46648	1.47395	(109)
$\text{C}_4\text{H}_{10}\text{O}$	<i>n</i> -Butyl alcohol.....	20	0.8099	1.39712	1.39909	1.40395	1.40773	(93)
$\text{C}_4\text{H}_{10}\text{O}$	Isobutyl alcohol.....	17.5	0.8046	1.3948	1.3968	1.4016	1.4055	(148)
$\text{C}_4\text{H}_{10}\text{O}$	Trimethyl carbinol.....	20	0.7864	1.38572	1.38779	1.39243	1.39618	(93)
$\text{C}_4\text{H}_{10}\text{O}$	Ethyl ether.....	17.1	0.7183	1.35246	1.35424	1.35854	1.36189	(108,† 133, 134, 149)
$\text{C}_4\text{H}_{10}\text{O}_3\text{S}$	Ethyl ethylsulfonate.....	22	1.1452	1.41733	1.41959	1.42420	1.42864	(153, 154)
$\text{C}_4\text{H}_{10}\text{S}$	Ethyl sulfide.....	20.5	0.8362	1.43970	1.44253	1.44960	1.45543	(109,† 153, 154)
$\text{C}_4\text{H}_{10}\text{S}$	Isobutylmercaptan.....	20	0.8357	1.43575	1.43859	1.44547	1.4511	(153, 154)
$\text{C}_4\text{H}_{10}\text{S}_2$	Ethyl disulfide.....	20	0.99267	1.50306	1.50633	1.51604	1.52407	(153, 154)
$\text{C}_4\text{H}_{11}\text{N}$	Diethylamine.....	17.6	0.7108	1.38510	1.38730	1.39264	1.39703	(106)
$\text{C}_4\text{H}_{11}\text{N}$	<i>sec.</i> -Butylamine.....	16.7	0.7271	1.39280	1.39501		1.40453	(106)
$\text{C}_4\text{H}_{11}\text{N}$	Isobutylamine.....	17.0	0.7359	1.39664	1.39878		1.40829	(106)
$\text{C}_4\text{H}_{11}\text{N}$	<i>tert.</i> -Butylamine.....	18.0	0.6978	1.37740	1.37940	1.38440	1.38868	(109)
$\text{C}_4\text{H}_{11}\text{O}_3\text{P}$	Diethylphosphorous acid.....	10	1.0757	1.40624	1.40823	1.41300	1.41699	(2)
$\text{C}_5\text{H}_4\text{O}_2$	Coumalin.....	19.45	1.1984	1.52377	1.53005	1.54859	1.56674	(23)
$\text{C}_5\text{H}_4\text{O}_2$	Furfural.....	20	1.1594	1.51862	1.52608	1.54566	1.56484	(95)
$\text{C}_5\text{H}_4\text{O}_3$	Citraconic anhydride.....	20	1.2542	1.46774	1.47166	1.48154	1.49026	(45†, 144)
$\text{C}_5\text{H}_5\text{Cl}_3\text{O}_2$	Methyl γ, γ, γ -trichlorocrotonate.....	21.2	1.3970	1.48621	1.48975	1.49883	1.50635	(81)
$\text{C}_5\text{H}_5\text{N}$	Pyridine.....	21	0.9808	1.50456	1.50919	1.52118	1.53153	(106,† 134, 145, 157)
$\text{C}_6\text{H}_6\text{Cl}_2\text{O}_2$	3, 3-Dichloroacetylacetone.....	16.75	1.3067	1.45648	1.45885	1.46547	1.47109	(34)
$\text{C}_6\text{H}_6\text{Cl}_2\text{O}_2$	α, δ -Dichloro- γ -valerolactone.....	24.6	1.4363	1.49367	1.49624	1.50286	1.50838	(80)
$\text{C}_6\text{H}_6\text{Cl}_2\text{O}_2$	Methyl γ, γ -dichlorocrotonate.....	17.7	1.3050	1.46744	1.47040	1.47811	1.48442	(86)
$\text{C}_6\text{H}_6\text{Cl}_2\text{O}_2$	Glutaryl chloride.....	20.2	1.3239	1.47004	1.47281	1.47989	1.48576	(80)

Formula	Name	<i>t</i> , °C	<i>d</i> ₄ ^t	α	D	β	γ	Lit.
C ₅ H ₆ N ₂	Methylpyrazine.....	18.7	1.0302	1.50170	1.50666		1.53164	(109)
C ₅ H ₆ N ₂	Trimethylene dicyanide.....	23.2	0.9888	1.4318	1.4365	1.4420	1.4514	(132)
C ₅ H ₆ N ₂ O ₃	Methyl methyloximinocynoacetate....	20	1.1768	1.4551	1.4591	1.4693	1.4788	(152)
C ₅ H ₆ O ₂	α -Angelolactone.....	13.2	1.0904	1.44776	1.45064*	1.45771	1.46381	(28)
C ₅ H ₆ O ₂	β -Angelolactone.....	15.2	1.0783	1.45936	1.46268*	1.47092	1.47813	(28)
C ₅ H ₆ O ₂	Propargyl acetate.....	20	1.0052	1.41796	1.42047	1.42659	1.43163	(92)
C ₅ H ₆ S	α -Thiotolene.....	15.3	1.0231	1.51919	1.52388*	1.53555	1.54586	(59)
C ₅ H ₆ S	β -Thiotolene.....	14.8	1.0268	1.51910	1.52380*	1.53538	1.54564	(59)
C ₅ H ₇ BrN ₂	1, 3-Dimethyl-4-bromopyrazole.....	14.7	1.4976	1.51652	1.52137*	1.53078	1.54056	(38)
C ₅ H ₇ Br ₂ N	α , β -Dibromovaleronitrile.....	17.6	1.7598	1.51766	1.52133*	1.53019	1.53881	(69)
C ₅ H ₇ ClN ₂	1, 3-Dimethyl-4-chloropyrazole.....	17.1	1.1604	1.49102	1.49462*	1.50327	1.51115	(38)
C ₅ H ₇ ClN ₂	1, 5-Dimethyl-4-chloropyrazole.....	17.7	1.1686	1.49349	1.49725*	1.50592	1.51335	(38)
C ₅ H ₇ ClO	β , β -Dimethylacryl chloride.....	12.35	1.0652	1.47479	1.47980*	1.49137	1.50231	(69)
C ₅ H ₇ ClO	α , β -Pentenyl chloride.....	18.0	1.0653	1.46225	1.46616*	1.47597	1.48481	(69)
C ₅ H ₇ ClO	β , γ -Pentenyl chloride.....	16.9	1.0666	1.44716	1.44990*	1.45733	1.46383	(69)
C ₅ H ₇ ClO ₂	3-Chloroacetylacetone.....	16.7	1.1686	1.47485	1.47976	1.49389		(34)
C ₅ H ₇ ClO ₂	Methyl α -chlorocrotonate.....	22.6	1.1587	1.45302	1.45634	1.46477	1.47187	(126)
C ₅ H ₇ N	<i>N</i> -Methylpyrrole.....	16.0	0.9106	1.48454	1.48890*	1.49945	1.50859	(60)
C ₅ H ₇ N	α , β -Pentenitrile.....	15.5	0.8311	1.43134	1.43472*	1.44308	1.44988	(69)
C ₅ H ₇ N	β , γ -Pentenitrile.....	18.8	0.8423	1.42084	1.42358*	1.42998	1.43547	(58, 69†)
C ₅ H ₇ NO	α , γ -Dimethylisoxazole.....	16.7	0.9864	1.44102	1.44393*	1.45115	1.45736	(31)
C ₅ H ₇ NO ₂	Ethyl cyanoacetate.....	20.5	1.0629	1.41584	1.41793	1.42312	1.42730	(106)
C ₅ H ₈	Cyclopentene.....	7.1	0.7861	1.42818	1.43052	1.43746	1.44306	(16)
C ₅ H ₈	1, 1-Dimethylallene.....	3.3	0.6915	1.41396	1.41722	1.42664	1.43450	(18)
C ₅ H ₈	Valerylene.....	20	0.6786	1.39763	1.40044	1.40726	1.41304	(92)
C ₅ H ₈ Cl ₂ O ₂	Ethyl dichloropropionate.....	20	1.2461	1.44553	1.44815	1.45379	1.45854	(93)
C ₅ H ₈ N ₂	1, 3-Dimethylpyrazole.....	15.2	0.9628	1.46769	1.47118*	1.47959	1.48686	(60)
C ₅ H ₈ N ₂ O	Ethylmethylfurazan.....	13.8	1.0180	1.43022	1.43257	1.43861	1.44356	(109)
C ₅ H ₈ O	Cyclopentanone.....	17.3	0.9513	1.43587	1.43817	1.44390	1.44867	(55)
C ₅ H ₈ O	Ethylideneacetone.....	19.6	0.8577	1.43536	1.43903	1.44846	1.45680	(43)
C ₅ H ₈ O	Propargyl ethyl ether.....	20	0.8326	1.40152	1.40390	1.40964	1.41439	(92)
C ₅ H ₈ O ₂	Acetylacetone.....	18.5	0.9771	1.44696	1.45178	1.46450	1.47758	(17, † 56, 105, 131)
C ₅ H ₈ O ₂	Acetylpropionyl.....	19.0	0.9565	1.39918	1.40135		1.41134	(105)
C ₅ H ₈ O ₂	Angelic acid.....	100	0.9295	1.41674	1.41998*	1.42846	1.43593	(69)
C ₅ H ₈ O ₂	Cyclobutanecarboxylic acid.....	16.6	1.0570	1.44151	1.44393	1.44976	1.45453	(110, † 130)
C ₅ H ₈ O ₂	α , β -Pentenic acid.....	14.7	0.9947	1.44977	1.45370*	1.46269	1.47068	(69)
C ₅ H ₈ O ₂	β , γ -Pentenic acid.....	18.8	0.9885	1.43285	1.43569*	1.44248	1.44821	(69)
C ₅ H ₈ O ₂	Tiglic acid.....	99.7	0.9425	1.42435	1.42746*	1.43629	1.44407	(69)
C ₅ H ₈ O ₂	Allyl acetate.....	20	0.9276	1.40205	1.40448	1.41059	1.41561	(92)
C ₅ H ₈ O ₃	Levulinic acid.....	15.8	1.1449	1.43941	1.44217	1.44765	1.45267	(49, † 105)
C ₅ H ₈ O ₃	Ethyl pyruvate.....	15.6	1.0596	1.40606	1.40830	1.41361	1.41825	(6)
C ₅ H ₈ O ₃	Methyl acetoacetate.....	20.5	1.0756	1.41616	1.41837	1.42418	1.42906	(9, † 105)
C ₅ H ₈ O ₃	Methyl α -methoxyacrylate.....	18.95	1.0702	1.42911	1.43207	1.43960	1.44614	(5)
C ₅ H ₈ O ₄	Dimethyl malonate.....	17.3	1.1571	1.41284	1.41490	1.41791	1.42420	(105)
C ₅ H ₉ ClO	Isovaleryl chloride.....	24.3	0.9854	1.41116	1.41361	1.41933	1.42391	(80)
C ₅ H ₉ ClO	Valeryl chloride.....	20	0.9887	1.41318	1.41555	1.42131	1.42599	(93)
C ₅ H ₉ ClO ₂	Ethyl α -chloropropionate.....	20	1.0869	1.41623	1.41850	1.42370	1.42805	(93)
C ₅ H ₁₀	Amylene.....	20	0.6476	1.37330	1.37576	1.38127	1.38588	(92, † 134, 148)
C ₅ H ₁₀	2-Pentene.....	14.7	0.6574	1.38141	1.38354	1.38998	1.39530	(16)
C ₅ H ₁₀ Br ₂	Amylene bromide.....	15	1.6700	1.5060	1.5094	1.5178	1.5240	(140)
C ₅ H ₁₀ N ₂ O	Nitrosopiperidine.....	18.5	1.0631	1.48940	1.49328		1.51197	(106)
C ₅ H ₁₀ N ₂ O ₂	Nitropiperidine.....	26.4	1.1519	1.49152	1.49540	1.50526	1.51392	(109)
C ₅ H ₁₀ N ₂ O ₃	Nitrosoethylurethane.....	16.9	1.0885	1.43354	1.43676	1.44530		(118, 119)
C ₅ H ₁₀ O	Cyclopentanol.....	13.5	0.9533	1.45387	1.45600	1.46169	1.46649	(16)
C ₅ H ₁₀ O	Allyl ethyl ether.....	20	0.7651	1.38565	1.38810	1.39387	1.39874	(92)
C ₅ H ₁₀ O	Diethyl ketone.....	16.6	0.8175	1.39168	1.39385	1.39877	1.40298	(105, 125†)
C ₅ H ₁₀ O	Methyl isopropyl ketone.....	16	0.8046	1.38569	1.38788	1.39268	1.39687	(125)
C ₅ H ₁₀ O	Methyl propyl ketone.....	20.2	0.8089	1.38754	1.38946	1.39461	1.39881	(125)
C ₅ H ₁₀ O ₂	Cyclo- γ -hydroxyvaleric aldehyde.....	17.6	1.0216	1.43365	1.43606*	1.44100	1.44532	(28)
C ₅ H ₁₀ O ₂	Isovaleric acid.....	22.4	0.95592	1.39964	1.40178	1.40677	1.41107	(125, † 147)
C ₅ H ₁₀ O ₂	Ethyl propionate.....	20.2	0.88886	1.38193	1.38385	1.38849	1.39225	(125, † 134)
C ₅ H ₁₀ O ₂	Isobutyl formate.....	19.9	0.88182	1.38386	1.38584	1.39063	1.39469	(125)
C ₅ H ₁₀ O ₂	Propyl acetate.....	20	0.8865	1.38235	1.38438	1.38903	1.39274	(92)

Formula	Name	$t, ^\circ\text{C}$	d_4^t	α	D	β	γ	Lit.
$\text{C}_5\text{H}_{10}\text{O}_3$	Diethyl carbonate.....	20	0.9762	1.38335	1.38523	1.38969	1.39321	(28, 93, † 134)
$\text{C}_5\text{H}_{11}\text{Br}$	Amyl bromide.....	12.8	1.2214	1.4427	1.4450	1.4517	1.4570	(140)
$\text{C}_5\text{H}_{11}\text{Cl}$	Amyl chloride.....	18.2	0.8720	1.4076	1.4097	1.4150	1.4192	(140)
$\text{C}_5\text{H}_{11}\text{Cl}$	<i>tert.</i> -Amyl chloride.....	13.5	0.8699	1.4054	1.4082	1.4138	1.4181	(140)
$\text{C}_5\text{H}_{11}\text{Cl}_2\text{N}$	Isoamylidichloroamine.....	25.7	1.0273	1.44110	1.44381		1.45611	(106)
$\text{C}_5\text{H}_{11}\text{N}$	Piperidine.....	18.7	0.8628	1.45097	1.45350	1.45989	1.46512	(106, † 157)
$\text{C}_5\text{H}_{11}\text{NO}$	Diethyl ketoxime.....	24.1	0.9083	1.44080	1.44350		1.45550	(106)
$\text{C}_5\text{H}_{11}\text{NO}$	Isovaleraldoxime.....	22.1	0.8897	1.43382	1.43645		1.44830	(106)
$\text{C}_5\text{H}_{11}\text{NO}$	Propionimido ethyl ether.....	16.9	0.8707	1.40806	1.41028	1.41571	1.42025	(109)
$\text{C}_5\text{H}_{11}\text{NO}_2$	Diethyl imidocarbonate.....	18.2	0.9637	1.41472	1.41704	1.42235	1.42674	(109)
$\text{C}_5\text{H}_{11}\text{NO}_2$	Isoamyl nitrite.....	20.7	0.8717	1.38486	1.38708		1.39761	(106)
$\text{C}_5\text{H}_{11}\text{NO}_2$	Nitroisopentane.....	20.6	0.9599	1.41570	1.41806		1.42908	(106)
$\text{C}_5\text{H}_{11}\text{NO}_2$	Isoamyl nitrate.....	21.7	0.9961	1.40987	1.41219		1.42261	(106)
$\text{C}_5\text{H}_{11}\text{NO}_3$	Pentane.....	15.7	0.6251	1.3581	1.3570	1.3610	1.3645	(148)
C_5H_{12}	<i>n</i> -Butylmethylnitroamine.....	23.6	1.0232	1.45282	1.45631	1.46494	1.47250	(109)
$\text{C}_5\text{H}_{12}\text{N}_2\text{O}_2$	Isobutylmethylnitroamine.....	22.5	1.0211	1.45258	1.45607	1.46473	1.47228	(109)
$\text{C}_5\text{H}_{12}\text{N}_2\text{O}_2$	Amyl alcohol.....	14.60	0.8142	1.40747	1.40963	1.41452	1.41870	(93, 122, † 148)
$\text{C}_5\text{H}_{12}\text{O}$	Isoamyl alcohol.....	17.8	0.8134	1.4064	1.4084	1.4135	1.4176	(148)
$\text{C}_5\text{H}_{12}\text{O}$	Propyl ethyl ether.....	20	0.7386	1.36758	1.36948	1.37397	1.37765	(92)
$\text{C}_5\text{H}_{12}\text{S}$	Isoamylmercaptan.....	20	0.83475	1.43824	1.44118	1.44734	1.45308	(153, 154)
$\text{C}_5\text{H}_{13}\text{N}$	Isoamylamine.....	17.9	0.7514	1.40739	1.40959		1.41920	(106)
$\text{C}_5\text{H}_{13}\text{N}$	Methyl- <i>n</i> -butylamine.....	18.1	0.7363	1.39950	1.40180	1.40708	1.41145	(108, 109 †)
$\text{C}_5\text{H}_{13}\text{N}$	<i>asym.</i> -Methyl- <i>n</i> -butylhydrazine.....	21.3	0.8040	1.42330	1.42586	1.43196	1.43703	(108, 109 †)
$\text{C}_6\text{H}_{14}\text{N}_2$	Trichlorobenzene.....	20	1.5563	1.5809	1.5671	1.5602	1.5945	(134)
$\text{C}_6\text{H}_5\text{Cl}_3$	<i>m</i> -Bromonitrobenzene.....	20.1	1.7036	1.59084	1.59791	1.61705	1.63429	(109)
$\text{C}_6\text{H}_4\text{BrNO}_2$	<i>m</i> -Dibromobenzene.....	18.7	1.9561	1.60303	1.60879	1.62469	1.63829	(47)
$\text{C}_6\text{H}_4\text{Br}_2$	<i>p</i> -Dibromobenzene.....	99.3	1.8201	1.56897	1.57425	1.58939		(47)
$\text{C}_6\text{H}_4\text{Br}_2$	<i>o</i> -Dichlorobenzene.....	20.4	1.2979	1.54384	1.54848	1.56141	1.57289	(47)
$\text{C}_6\text{H}_4\text{Cl}_2$	<i>m</i> -Dichlorobenzene.....	20.9	1.2879	1.54111	1.54570	1.55887	1.56989	(47)
$\text{C}_6\text{H}_4\text{Cl}_2$	<i>p</i> -Dichlorobenzene.....	80.3	1.2189	1.51673	1.52104	1.53388	1.54455	(47)
$\text{C}_6\text{H}_4\text{Cl}_2$	Bromobenzene.....	20	1.4914	1.55439	1.55977	1.57362	1.58557	(47, 92, † 135, 140)
$\text{C}_6\text{H}_5\text{Br}$	Chlorobenzene.....	20	1.1066	1.51986	1.52479	1.53693	1.54750	(47, 92, † 135, 140)
$\text{C}_6\text{H}_5\text{Cl}$	Fluorobenzene.....	22.8	1.0207	1.4563	1.4646	1.4751	1.4849	(135)
$\text{C}_6\text{H}_5\text{F}$	Iodobenzene.....	18.5	1.8324	1.61438	1.62145	1.63964	1.65520	(47, † 135)
$\text{C}_6\text{H}_5\text{I}$	Pyridine-2-aldehyde.....	18.5	1.1255	1.53284	1.53886	1.55396	1.56749	(139)
$\text{C}_6\text{H}_5\text{NO}$	Nitrobenzene.....	20	1.2039	1.54593	1.55291	1.57124		(91, 92, 106, † 134)
$\text{C}_6\text{H}_5\text{NO}_2$	Diazobenzeneimide.....	22.5	1.0776	1.55760	1.56421	1.58181	1.59757	(106, † 161)
$\text{C}_6\text{H}_5\text{N}_3$	Benzene.....	20	0.8791	1.49663	1.50144	1.51327	1.52361	(20, 92, 132, 134, 144, 148, 162, 164 †)
C_6H_6	Dipropargyl.....	23.8	0.8008	1.43795	1.44132	1.45014	1.45774	(101)
$\text{C}_6\text{H}_6\text{BrN}$	<i>m</i> -Bromoaniline.....	20.4	1.5793	1.61900	1.62604	1.64550	1.66286	(106)
$\text{C}_6\text{H}_6\text{ClN}$	<i>m</i> -Chloroaniline.....	20.7	1.2142	1.58753	1.59424		1.62794	(106)
$\text{C}_6\text{H}_6\text{ClN}$	Phenol.....	40.6	1.0596	1.53691	1.54247	1.55581	1.56840	(126, † 133)
$\text{C}_6\text{H}_6\text{O}$	α -Acetothienone.....	21.8	1.1679	1.55940	1.56630*	1.58441	1.60177	(59)
$\text{C}_6\text{H}_6\text{OS}$	Thiophenol.....	23.2	1.0739	1.57971	1.58613	1.60285	1.61685	(126)
$\text{C}_6\text{H}_6\text{S}$	Sorbyl chloride.....	18.75	1.0666	1.54707	1.55710*	1.58453		(27)
$\text{C}_6\text{H}_7\text{ClO}$	Ethyl γ, γ, γ -trichlorocrotonate.....	14.2	1.3375	1.48360	1.48693	1.49562	1.50303	(81)
$\text{C}_6\text{H}_7\text{Cl}_3\text{O}_2$	Aniline.....	20	1.0216	1.57948	1.58629	1.60434	1.62074	(92, 106, † 132, 134, 144, 164)
$\text{C}_6\text{H}_7\text{N}$	α -Methylpyridine.....	16.7	0.9484	1.49844	1.50293	1.51444	1.52441	(106)
$\text{C}_6\text{H}_7\text{N}$	β -Methylpyridine.....	24.0	0.9539	1.49963	1.50432		1.52571	(106)
C_6H_8	Dihydrobenzene.....	21.2	0.8466	1.46921	1.47296	1.48258	1.49092	(104)
C_6H_8	1, 3, 5-Hexatriene.....	16.2	0.74067	1.47819		1.50272	1.51958	(45)
$\text{C}_6\text{H}_8\text{Br}_2\text{Cl}_2\text{O}_2$	Ethyl α, β -dibromo- γ, γ -dichlorobutyrate.....	22.6	1.8257	1.51936	1.52233	1.53096	1.53787	(86)
$\text{C}_6\text{H}_8\text{Cl}_2\text{O}_2$	Ethyl γ, γ -dichlorocrotonate.....	16.6	1.2323	1.46096	1.46347	1.47098	1.47711	(86)
$\text{C}_6\text{H}_8\text{N}_2$	2, 5-Dimethylpyrazine.....	23.6	0.9856	1.49457	1.49921	1.51202	1.52372	(106)
$\text{C}_6\text{H}_8\text{N}_2$	<i>m</i> -Phenylenediamine.....	57.7	1.10696	1.62558	1.63390	1.65600	1.67617	(161)
$\text{C}_6\text{H}_8\text{N}_2$	Phenylhydrazine.....	17.7	1.0983	1.60201	1.60926*	1.62761	1.64412	(29, † 106)
$\text{C}_6\text{H}_8\text{N}_2\text{O}_3$	Methyl ethyloximinocynoacetate.....	20	1.1240	1.4538	1.4578	1.4677	1.4769	(152)

Formula	Name	<i>t</i> , °C	<i>d</i> ₄ ²⁵	<i>n</i> _D ²⁵	<i>D</i> ₄ ²⁵	<i>β</i> _D ²⁵	<i>γ</i> _D ²⁵	Lit.
C ₆ H ₈ N ₂ O ₃	Ethyl methyloximinocynoacetate.....	20	1.1255	1.4527	1.4565	1.4664	1.4753	(152)
C ₆ H ₈ O	1, 4-Dimethylfuran.....	17.7	0.9026	1.43959	1.44270	1.45124	1.45832	(157)
C ₆ H ₈ O	α, α-Dimethylfurfuran.....	21.6	0.8871	1.43173	1.43508	1.44313	1.45008	(41)
C ₆ H ₈ O	Methyl-α-pyran.....	17.7	0.9187	1.45108	1.45421	1.46265	1.46977	(23)
C ₆ H ₈ O ₂	β-Methyl-Δ'-angelolactone.....	16.2	1.0602	1.46393	1.46740*	1.47566	1.48285	(28)
C ₆ H ₈ O ₄	Dimethyl maleate.....	20	1.1517	1.43863	1.44150	1.44901	1.45528	(45,† 144)
C ₆ H ₈ O ₄	Monoethyl fumarate.....	83	1.1149	1.43818	1.44088	1.45024		(49)
C ₆ H ₈ S	α, α'-Dimethylthiophene.....	13.4	0.9906	1.51233	1.51693*	1.52839	1.53842	(59,† 157)
C ₆ H ₈ S	β, β'-Dimethylthiophene.....	15	0.9932	1.51752	1.52217*	1.53339	1.54320	(59)
C ₆ H ₈ S	α-Ethylthiophene.....	21.2	0.9908	1.50834	1.51273	1.52359	1.53310	(59)
C ₆ H ₉ BrO ₃	Ethyl α-bromoacetoacetate.....	14.05	1.4294	1.46081	1.46337	1.47066	1.47665	(34)
C ₆ H ₉ BrO ₃	Ethyl γ-bromoacetoacetate.....	18.1	1.5276	1.48020	1.48311	1.49149	1.49834	(34)
C ₆ H ₉ ClN ₂	1, 3, 4-Trimethyl-5-chloropyrazole.....	20	1.1082	1.48368	1.48718*	1.49564	1.50299	(38)
C ₆ H ₉ ClO	α, β-Isohexenoyl chloride.....	14.2	1.0235	1.45994	1.46396*	1.47348	1.48185	(69)
C ₆ H ₉ ClO	β, γ-Hexenoyl chloride.....	19.6	1.0142	1.44405	1.44730*	1.45455	1.46038	(69)
C ₆ H ₉ ClO ₂	Ethyl α-chlorocrotonate.....	14.3	1.1073	1.45246	1.45580	1.46367	1.47063	(69)
C ₆ H ₉ ClO ₂	Ethyl β-chlorocrotonate.....	19.2	1.1018	1.45639	1.45985	1.46836	1.47538	(69)
C ₆ H ₉ ClO ₂	Ethyl α-chloroisocrotonate.....	18.0	1.1021	1.45068	1.45391*	1.46171	1.46868	(69,† 126)
C ₆ H ₉ ClO ₂	Ethyl β-chloroisocrotonate.....	14.4	1.0920	1.45317	1.45679	1.46561	1.47345	(69,† 126)
C ₆ H ₉ N	1, 4-Dimethylpyrrole.....	19.8	0.9353	1.50049	1.50357	1.51504	1.52469	(157)
C ₆ H ₉ N	2, 4-Dimethylpyrrole.....	13.7	0.9273	1.49536	1.49942*	1.50947	1.51828	(60)
C ₆ H ₉ N	2, 5-Dimethylpyrrole.....	16.8	0.9393	1.50354	1.50783*	1.51828	1.52750	(60)
C ₆ H ₉ N	β, γ-Hexenonitrile.....	18	0.8424	1.43023	1.43313	1.43980	1.44557	(69)
C ₆ H ₉ N	α, β-Isohexenonitrile.....	18.8	0.8556	1.43529	1.43796	1.44529	1.45129	(58,† 69)
C ₆ H ₉ NO	Trimethylisoxazole.....	14.5	0.9862	1.45118	1.45420	1.46150	1.46782	(31)
C ₆ H ₁₀	Cyclohexene.....	15.1	0.8147	1.44653	1.44921	1.45620	1.46194	(55, 104)
C ₆ H ₁₀	Diallyl.....	20	0.6880	1.39812	1.40102	1.40793	1.41385	(92)
C ₆ H ₁₀	Diisopropenyl.....	15	0.73074	1.4379	1.4421	1.4527	1.4622	(43)
C ₆ H ₁₀	2, 4-Hexadiene.....	12.5	0.72732	1.45133	1.45591	1.46800	1.47855	(43, 121)
C ₆ H ₁₀	Tetrahydrobenzene.....	22.1	0.8081	1.44235	1.44507	1.45184	1.45743	(104)
C ₆ H ₁₀ N ₂	1-Ethyl-3-methylpyrazole.....	14.9	0.9491	1.47113	1.47472*	1.48292	1.49008	(60)
C ₆ H ₁₀ N ₂	1, 3, 4-Trimethylpyrazole.....	22.5	0.9494	1.47145	1.47495*	1.48334	1.49061	(60)
C ₆ H ₁₀ N ₂	1, 3, 5-Trimethylpyrazole.....	37.5	0.9304	1.46526	1.46865*	1.47678	1.48409	(60)
C ₆ H ₁₀ O	Anhydro-δ-acetobutyl alcohol.....	16.2	0.9088	1.44535	1.44830*	1.45503	1.46091	(28)
C ₆ H ₁₀ O	Allylacetone.....	15.4	0.8470	1.41856	1.42126	1.42778	1.43327	(71,† 125)
C ₆ H ₁₀ O	Diethylketene.....	14.85	0.8338	1.41108	1.41355	1.41991		(18)
C ₆ H ₁₀ O	Cyclohexanone.....	16.8	0.9487	1.45004	1.45242	1.45834	1.46346	(55)
C ₆ H ₁₀ O	α-Methyl-β-ethylacrolein.....	14	0.8605	1.44427	1.44808	1.45761	1.46542	(43)
C ₆ H ₁₀ O	Mesityl oxide.....	20	0.8578	1.44028	1.44397	1.45352	1.46192	(43,† 95)
C ₆ H ₁₀ O ₂	Acetonylacetone.....	17.0	0.9834	1.42167	1.42395		1.43431	(105)
C ₆ H ₁₀ O ₂	Propionylacetone.....	14.9	0.9639	1.44977	1.45391	1.46577	1.47686	(56)
C ₆ H ₁₀ O ₂	Hydroxymethylenediethylketone.....	48.9	0.9653	1.45375	1.45792	1.46955	1.47926	(17)
C ₆ H ₁₀ O ₂	Methylacetylacetone.....	13.5	0.9775	1.43537	1.43804	1.44596	1.45265	(17,† 56)
C ₆ H ₁₀ O ₂	Acetylacetone <i>O</i> -methyl ether.....	15.9	0.9744	1.46620	1.47068	1.48267	1.49367	(17)
C ₆ H ₁₀ O ₂	Cyclopentylcarboxylic acid.....	15.5	1.0555	1.45329		1.46142	1.46609	(130)
C ₆ H ₁₀ O ₂	α-Ethylcrotonic acid.....	56.1	0.9484	1.44022	1.44260*	1.45102	1.45842	(69)
C ₆ H ₁₀ O ₂	α, β-Hexenic acid.....	40	0.9490	1.44360	1.44666*	1.45538	1.46287	(69)
C ₆ H ₁₀ O ₂	α, β-Isohexenic acid.....	16.0	0.9589	1.44706	1.45060*	1.45931	1.46689	(69)
C ₆ H ₁₀ O ₂	Ethyl crotonate.....	20	0.9237	1.42189	1.42495	1.43240	1.43872	(43,† 94, 95)
C ₆ H ₁₀ O ₂	Ethyl isocrotonate.....	19.6	0.9246	1.42256	1.42590*	1.43285	1.43974	(69)
C ₆ H ₁₀ O ₂	Methyl β, β-dimethylacrylate.....	19.8	0.9337	1.42901	1.43207	1.43985	1.44663	(43)
C ₆ H ₁₀ O ₃	δ-Methoxy-γ-valerolactone.....	23.2	1.1200	1.44313	1.44533	1.45076	1.45540	(80)
C ₆ H ₁₀ O ₃	Ethyl acetoacetate.....	16.6	1.0320	1.41851	1.42092	1.42660	1.43155	(93, 123†)
C ₆ H ₁₀ O ₃	Ethyl α-hydroxymethylenepropionate.....	16.1	1.0268	1.42559	1.42876	1.43602	1.44269	(17)
C ₆ H ₁₀ O ₃	Methyl α, β-butylenoxide-δ-carboxylate.....	24.7	1.0726	1.42380	1.42589	1.43107	1.43545	(80)
C ₆ H ₁₀ O ₃	Methyl methyllacetoacetate.....	23.8	1.0304	1.41416	1.41629	1.42184	1.42648	(9)
C ₆ H ₁₀ O ₄	Diethyl oxalate.....	20	1.0793	1.40824	1.41043	1.41564	1.41987	(18, 93†)
C ₆ H ₁₀ O ₄	Dimethyl succinate.....	18.3	1.1202	1.41774	1.41976		1.42868	(105)
C ₆ H ₁₀ O ₄	Methyl hydrogen pyrotartrate.....	20.7	1.1436	1.43006	1.43230	1.43764	1.44195	(102)
C ₆ H ₁₀ S	Allyl sulfide.....	26.8	0.8876	1.48384	1.48770	1.49787	1.50637	(160)
C ₆ H ₁₁ ClO ₂	Ethyl chlorobutyrate.....	20	1.0517	1.42231	1.42458	1.42990	1.43434	(93)
C ₆ H ₁₁ N	Capronitrile.....	14.3	0.8069	1.40647	1.40851		1.41739	(106)
C ₆ H ₁₁ NO	Mesityloxime.....	21.0	0.9417	1.48655	1.49083	1.50219	1.51209	(106)
C ₆ H ₁₁ NO	α-Mesityl oxide oxime.....	14.5	0.9494	1.48521	1.48961*	1.50021	1.50962	(74)

Formula	Name	$t, ^\circ\text{C}$	d_4^t	α	D	β	γ	Lit.
$\text{C}_6\text{H}_{11}\text{NO}_2$	Ethyl β -aminocrotonate.....	18.8	1.0219	1.49479	1.50067	1.51647	1.53160	(105, 106, 126)
$\text{C}_6\text{H}_{11}\text{NO}_3$	Ethyl dimethyloxamate.....	22.5	1.0735	1.43880	1.44144	1.44830	1.45389	(109)
C_6H_{12}	Cyclohexane.....	10.85	0.7872	1.42910	1.43119	1.43668	1.44116	(55)
C_6H_{12}	Hexylene.....	23.3	0.6792	1.39196	1.39446	1.40071	1.40590	(104, † 148)
$\text{C}_6\text{H}_{12}\text{N}_2$	Dimethylketazine.....	24.5	0.8381	1.44746	1.45102	1.46008	1.46805	(109)
$\text{C}_6\text{H}_{12}\text{N}_2$	Propylglyoxalidine.....	17.0	0.9641	1.48383	1.48708	1.49518	1.50206	(109)
$\text{C}_6\text{H}_{12}\text{N}_2\text{O}_4$	Methyl <i>n</i> -butylnitrocarbamate.....	22.0	1.1396	1.44561	1.44859	1.45609	1.46249	(109)
$\text{C}_6\text{H}_{12}\text{N}_2\text{O}_4$	Methyl isobutylnitrocarbamate.....	21.9	1.1346	1.44315	1.44614	1.45354	1.45996	(109)
$\text{C}_6\text{H}_{12}\text{N}_2\text{O}_4$	Methyl <i>sec</i> -butylnitrocarbamate.....	23.3	1.1248	1.43879	1.44167	1.44895	1.45532	(109)
$\text{C}_6\text{H}_{12}\text{O}$	2-Hexen-4-ol.....	16.7	0.84697	1.43417	1.43688	1.44370	1.44948	(121)
$\text{C}_6\text{H}_{12}\text{O}$	Cyclohexanol.....	22.6	0.9463	1.46330	1.46560	1.47141	1.47623	(55)
$\text{C}_6\text{H}_{12}\text{O}$	Ethyl propyl ketone.....	22	0.81491	1.39683	1.39899	1.40402	1.40813	(125)
$\text{C}_6\text{H}_{12}\text{O}$	Methyl isobutyl ketone.....	17.4	0.80316	1.39500	1.39694	1.40235	1.40638	(125)
$\text{C}_6\text{H}_{12}\text{O}_2$	δ -Acetobutyl alcohol.....	15.4	0.9943	1.44937	1.45180*	1.45752	1.46234	(28)
$\text{C}_6\text{H}_{12}\text{O}_2$	Caproic acid.....	19.6	0.9220	1.41235	1.41449	1.41964	1.42397	(125, † 147)
$\text{C}_6\text{H}_{12}\text{O}_2$	Amyl formate.....	11.5	0.8832	1.3910	1.3951	1.4000	1.4084	(132)
$\text{C}_6\text{H}_{12}\text{O}_2$	Ethyl butyrate.....	18	0.8797	1.39099	1.39302	1.39778	1.40166	(94, 134)
$\text{C}_6\text{H}_{12}\text{O}_2$	Isobutyl acetate.....	17.8	0.87306	1.38905	1.39114	1.39597	1.39994	(125)
$\text{C}_6\text{H}_{12}\text{O}_3$	Paraldehyde.....	20	0.9943	1.40304	1.40486	1.40948	1.41302	(93)
$\text{C}_6\text{H}_{12}\text{O}_4$	Methyl α , α -dimethoxypropionate.....	17.6	1.0678	1.41035	1.41221	1.41721	1.42130	(5)
$\text{C}_6\text{H}_{13}\text{N}$	α -Methylpiperidine.....	23.6	0.8436	1.44384	1.44639		1.45769	(106)
$\text{C}_6\text{H}_{13}\text{N}$	β -Methylpiperidine.....	24.3	0.8446	1.44380	1.44627		1.45760	(106)
$\text{C}_6\text{H}_{13}\text{N}$	γ -Methylpiperidine.....	21.6	0.8184	1.43516	1.43779		1.44951	(106)
$\text{C}_6\text{H}_{13}\text{N}$	Propylpropylideneamine.....	17.5	0.7604	1.41032	1.41269	1.41878	1.42380	(109)
$\text{C}_6\text{H}_{13}\text{NO}_2$	Methyl <i>n</i> -butylcarbamate.....	23.3	0.9689	1.42647	1.42888	1.43448	1.43906	(109)
$\text{C}_6\text{H}_{13}\text{NO}_2$	Methyl isobutylcarbamate.....	21.6	0.9651	1.42509	1.42750	1.43300	1.43765	(109)
$\text{C}_6\text{H}_{13}\text{NO}_2$	Methyl <i>sec</i> -butylcarbamate.....	24.9	0.9651	1.42380	1.42625	1.43168	1.43616	(109)
C_6H_{14}	Hexane.....	20	0.6603	1.37337	1.37536	1.37988	1.38365	(92, 148)
$\text{C}_6\text{H}_{14}\text{N}_2\text{O}_2$	<i>N</i> -Hexylnitroamine.....	25.2	1.0037	1.45610	1.45931	1.46733	1.47410	(109)
$\text{C}_6\text{H}_{14}\text{O}_2$	Acetal.....	20	0.8314	1.38000	1.38193	1.38636	1.39007	(93)
$\text{C}_6\text{H}_{15}\text{N}$	Dipropylamine.....	19.5	0.7384	1.40242	1.40455		1.41453	(106)
$\text{C}_6\text{H}_{15}\text{N}$	Triethylamine.....	20	0.7277	1.39804	1.40032	1.40613	1.41092	(92, 106)
$\text{C}_6\text{H}_{15}\text{N}_3$	Triformalmethylamine.....	19.0	0.9178	1.46039	1.46320	1.47047	1.47653	(109)
$\text{C}_6\text{H}_{15}\text{O}_2\text{P}$	Diethyl ethylphosphinate.....	10	1.0259	1.41434	1.41627	1.42107	1.42524	(2)
$\text{C}_6\text{H}_{15}\text{O}_3\text{P}$	Diethyl phosphite.....	10	0.9687	1.41073	1.41309	1.41917	1.42423	(2)
$\text{C}_6\text{H}_{15}\text{O}_4\text{P}$	Triethyl phosphate.....	10	1.0682	1.40436	1.40616	1.41073	1.41449	(2)
$\text{C}_7\text{H}_5\text{ClO}$	<i>o</i> -Chlorobenzaldehyde.....	21.7	1.2474	1.55972	1.56564	1.58274	1.59807	(47)
$\text{C}_7\text{H}_5\text{ClO}$	<i>m</i> -Chlorobenzaldehyde.....	20.2	1.2410	1.55908	1.56500	1.58184	1.59702	(47)
$\text{C}_7\text{H}_5\text{ClO}$	<i>p</i> -Chlorobenzaldehyde.....	61.0	1.1958	1.54878	1.55525	1.57341		(47)
$\text{C}_7\text{H}_5\text{ClO}$	Benzoyl chloride.....	20	1.2122	1.54751	1.55369	1.56964	1.58411	(80, 95†)
$\text{C}_7\text{H}_5\text{N}$	Benzonitrile.....	25.5	1.0003	1.52035	1.52570	1.53942	1.55144	(106)
$\text{C}_7\text{H}_5\text{NO}$	Anthranil.....	14.9	1.1866	1.57891	1.58676*	1.60778	1.62923	(29, † 117, 118)
$\text{C}_7\text{H}_5\text{NO}$	Indoxazene.....	15.9	1.1744	1.55824	1.56446*	1.58012	1.59448	(31)
$\text{C}_7\text{H}_5\text{NO}$	Phenyl isocyanate.....	19.6	1.0956	1.53139	1.53684	1.55082	1.56303	(106)
$\text{C}_7\text{H}_5\text{NS}$	Phenyl isothiocyanate.....	23.4	1.1289	1.63959	1.64918	1.67513	1.69938	(158, 159)
$\text{C}_7\text{H}_6\text{O}$	Benzaldehyde.....	17.6	1.0492	1.53948	1.54629	1.56283	1.57731	(43)
$\text{C}_7\text{H}_6\text{O}_2$	Salicylaldehyde.....	19.7	1.1671	1.56526	1.57358	1.59674	1.62097	(41)
$\text{C}_7\text{H}_7\text{BrO}$	<i>o</i> -Bromoanisole.....	20	1.5018	1.56690	1.57245	1.58695		(91)
$\text{C}_7\text{H}_7\text{BrO}$	<i>p</i> -Bromoanisole.....	20	1.4569	1.55507	1.56051	1.57462		(91)
$\text{C}_7\text{H}_7\text{BrS}$	<i>o</i> -Bromophenyl methyl sulfide.....	20	1.5216	1.62495	1.63190	1.65020		(91)
$\text{C}_7\text{H}_7\text{Cl}$	<i>o</i> -Chlorotoluene.....	20.2	1.0795	1.52040	1.52466	1.53700	1.54739	(47)
$\text{C}_7\text{H}_7\text{Cl}$	<i>m</i> -Chlorotoluene.....	18.7	1.0760	1.51822	1.52252	1.53473	1.54505	(47)
$\text{C}_7\text{H}_7\text{Cl}$	<i>p</i> -Chlorotoluene.....	24.35	1.0651	1.51504	1.51925	1.53146	1.54158	(47)
$\text{C}_7\text{H}_7\text{Cl}$	Benzyl chloride.....	15.4	1.1138	1.5367	1.5415	1.5542	1.5652	(140)
$\text{C}_7\text{H}_7\text{I}$	<i>o</i> -Iodotoluene.....	15.9	1.7192	1.60400	1.61066	1.62742		(47)
$\text{C}_7\text{H}_7\text{NO}$	α -Benzaldoxime.....	13.8	1.1160	1.58767	1.59558*	1.61544	1.63345	(74, 106)
$\text{C}_7\text{H}_7\text{NO}_2$	<i>o</i> -Nitrotoluene.....	20.4	1.1625	1.54104	1.54739		1.57933	(106)
$\text{C}_7\text{H}_7\text{NO}_3$	<i>o</i> -Nitroanisole.....	20	1.2527	1.55468	1.56188	1.58289		(91)
$\text{C}_7\text{H}_7\text{NO}_3$	<i>p</i> -Nitroanisole.....	60	1.2192	1.56385	1.57072	1.59262		(91)
C_7H_8	Toluene.....	16.35	0.8684	1.49365	1.49782	1.50967	1.51970	(20, † 92, 132, 134, 148)
$\text{C}_7\text{H}_8\text{N}_2\text{O}$	Nitrosomethylaniline.....	22.7	1.1213	1.56832	1.57602		1.61585	(106)
$\text{C}_7\text{H}_8\text{O}$	Benzyl alcohol.....	20	1.0429	1.53474	1.53955	1.55178	1.56232	(92, † 131)
$\text{C}_7\text{H}_8\text{O}$	<i>m</i> -Cresol.....	18	1.0363	1.53756	1.54246	1.55590	1.56727	(145)

Formula	Name	<i>t</i> , °C	<i>d</i> ₄ ²⁰	α	D	β	γ	Lit.
C ₇ H ₈ O	Anisole.....	16.5	0.9989	1.51482	1.51950	1.53235	1.54338	(47, 91, 145, † 155, 156)
C ₇ H ₈ OS	α -Methyl- α' -acetothienone.....	24.7	1.1185	1.55329	1.56038*	1.57900	1.59760	(59)
C ₇ H ₈ OS	α -Propiothienone.....	15.0	1.1361	1.55148	1.55776*	1.57400	1.58949	(59)
C ₇ H ₈ O ₂ S	Ethyl α -thiophenecarboxylate.....	16.3	1.1623	1.52181	1.52719*	1.54046	1.55273	(59)
C ₇ H ₈ O ₃	Methyl salicylate.....	18.1	1.1855	1.53149	1.53773	1.55371	1.56921	(41)
C ₇ H ₈ Cl ₃ O ₂	Methyl γ , γ , γ -trichloro- β -acetylbuty- rate.....	14.5	1.3935	1.46560	1.46815	1.47423	1.47947	(81)
C ₇ H ₉ N	Benzylamine.....	19.5	0.9827	1.53918	1.54406	1.55670	1.56753	(106)
C ₇ H ₉ N	β -Ethylpyridine.....	22.5	0.9401	1.49783	1.50214		1.52217	(106)
C ₇ H ₉ N	Methylaniline.....	21.2	0.9851	1.56348	1.57021	1.58823	1.60322	(106)
C ₇ H ₉ N	<i>o</i> -Toluidine.....	20	0.9986	1.56650	1.57276	1.58945	1.60425	(92, 106, † 145)
C ₇ H ₉ N	<i>m</i> -Toluidine.....	22.4	0.9962	1.56473	1.57106		1.60267	(106)
C ₇ H ₉ N	<i>p</i> -Toluidine.....	59.1	0.9538	1.54710	1.55324		1.58351	(106)
C ₇ H ₉ NO	<i>o</i> -Anisidine.....	20	1.0923	1.56884	1.57536	1.59235		(91)
C ₇ H ₉ NO	<i>p</i> -Anisidine.....	67	1.0605	1.54938	1.55592	1.57244		(91)
C ₇ H ₉ NO	1-Cyanocyclohexan-2-one.....	15.9	1.0741	1.47689	1.47932*	1.48623	1.49156	(39)
C ₇ H ₉ NO	β , γ -Tetrahydrobenzisoxazole.....	17.2	1.0996	1.49631	1.49953*	1.50714	1.51381	(31)
C ₇ H ₉ NO ₂	Furylimido ethyl ether.....	17.8	1.0782	1.48842	1.49297	1.50451	1.51508	(109)
C ₇ H ₉ NO ₂	Ethyl α -cyanocrotonate.....	18.8	1.0255	1.44988	1.45302	1.46172	1.46888	(58)
C ₇ H ₉ NO ₃	Ethyl α -cyanoacetoacetate.....	20	1.1107	1.4669	1.4710	1.4816	1.4905	(138)
C ₇ H ₉ NS	α -Aminophenylmethyl sulfide.....	17	1.1333	1.61879	1.62632	1.64659		(91)
C ₇ H ₁₀	1, 3, 5-Heptatriene.....	19.8	0.7636	1.50786	1.51604	1.53754	1.55742	(27)
C ₇ H ₁₀ N ₂	<i>asym.</i> -Methylphenylhydrazine.....	19.7	1.0404	1.57630	1.58316*	1.62761	1.64412	(29, † 106)
C ₇ H ₁₀ N ₂	<i>sym.</i> -Methylphenylhydrazine.....	23.1	1.0296	1.56501	1.57146*	1.60111	1.61757	(29)
C ₇ H ₁₀ N ₂ O ₃	Ethyl ethyloximinocynoacetate.....	20	1.0818	1.4494	1.4530	1.4624	1.4710	(152)
C ₇ H ₁₀ O	1-Methyl-1-cyclohexen-3-one.....	18.7	0.9707	1.49137	1.49547	1.50624	1.51573	(44)
C ₇ H ₁₀ O ₂	Δ^1 -Tetrahydrobenzoic acid.....	47.0	1.0719	1.48576	1.49023*	1.49882	1.50705	(26)
C ₇ H ₁₀ O ₂	γ -Acetoxyvalerolactone.....	78.6	1.1231	1.42111	1.42355	1.42862	1.43292	(49)
C ₇ H ₁₀ O ₂	α , α -Dimethylangelolactone.....	13.7	0.9818	1.43314	1.43593	1.44247	1.44820	(28)
C ₇ H ₁₀ O ₂	Hydroxymethylene-1-cyclohexan-2-one.....	20.5	1.0848	1.50697	1.51218	1.52774		(17, 56)
C ₇ H ₁₀ O ₂	Ethyl β -vinylacrylate.....	22.9	0.9351	1.46948	1.47504*	1.48928	1.50252	(27)
C ₇ H ₁₀ O ₃	Ethyl β -acetylacrylate.....	18.1	1.0387	1.44987	1.45346*	1.46250	1.47081	(27)
C ₇ H ₁₀ O ₄	Ethyl acetoxalate.....	17.6	1.1275	1.46976	1.47498		1.50054	(105)
C ₇ H ₁₀ O ₄	Ethyl acetoxymethyleneacetate.....	18.1	1.0905	1.44382	1.44742	1.45601	1.46382	(17)
C ₇ H ₁₀ O ₄	Ethyl hydroxymethyleneacetoacetate.....	16.9	1.1338	1.46925	1.47376	1.48565	1.49673	(17)
C ₇ H ₁₀ O ₄	Dimethyl citraconate.....	20	1.1104	1.44455	1.44759	1.45551	1.46218	(45, † 144)
C ₇ H ₁₀ O ₄	Dimethyl itaconate.....	20	1.1218	1.44126	1.44412	1.45099	1.45685	(144)
C ₇ H ₁₀ O ₄	Dimethyl mesaconate.....	20	1.12097	1.45217	1.45568	1.46453	1.47225	(45, † 144)
C ₇ H ₁₀ O ₅	Diethyl oxomalonate.....	15.6	1.1419	1.41626	1.41865	1.42439		(18)
C ₇ H ₁₁ ClO	α , β -Isoheptenyl chloride.....	17.1	0.9940	1.45887	1.46259*	1.47202	1.48011	(69)
C ₇ H ₁₁ ClO ₄	Diethyl chloromalonate.....	19.3	1.2047	1.43299	1.43527		1.44568	(105)
C ₇ H ₁₁ N	α , β -Isoheptenonitrile.....	12	0.8286	1.44020	1.44346*	1.45132	1.45807	(58, 69†)
C ₇ H ₁₁ N	Δ^2 -Isoheptenonitrile.....	22.3	0.8241	1.42691	1.42932	1.43614	1.44166	(58)
C ₇ H ₁₁ N	2, 3, 5-Trimethylpyrrole.....	15.8	0.9351	1.50474	1.50888*	1.51892	1.52745	(60)
C ₇ H ₁₂	2, 4-Dimethyl-2, 4-pentadiene.....	17.3	0.7412	1.43663	1.44055	1.45006	1.45842	(43)
C ₇ H ₁₂	1-Heptene.....	20	0.7458	1.41822	1.42073	1.42690	1.43212	(95, † 150)
C ₇ H ₁₂	Methenecyclohexane.....	16.4	0.8021	1.44863	1.45182	1.45879	1.46488	(46, † 55)
C ₇ H ₁₂	1-Methyl-1-cyclohexene.....	18.5	0.8115	1.44744	1.45033	1.45711	1.46293	(46)
C ₇ H ₁₂ Br ₂ O ₂	Ethyl α , β -dibromovalerate.....	15.4	1.6199	1.49527	1.49863*	1.50656	1.51332	(69)
C ₇ H ₁₂ N ₂	1, 3, 4, 5-Tetramethylpyrazole.....	23.4	0.9442	1.47634	1.47974*	1.48811	1.49528	(60)
C ₇ H ₁₂ O	Allylpropenyl carbinol.....	20	0.8612	1.45089	1.45414*	1.46191	1.46840	(27)
C ₇ H ₁₂ O	Cycloheptanone.....	21.9	0.9495	1.45801	1.46027	1.46646	1.47149	(55)
C ₇ H ₁₂ O	1-Methylcyclohexan-2-one.....	14.6	0.9300	1.44827	1.45049	1.45653	1.46135	(55)
C ₇ H ₁₂ O	1-Methylcyclohexan-3-one.....	25.15	0.9139	1.44092	1.44313	1.44914	1.45394	(55)
C ₇ H ₁₂ O	1-Methylcyclohexan-4-one.....	24.4	0.9119	1.44092	1.44322	1.44918	1.45413	(55, † 61)
C ₇ H ₁₂ O ₂	Dimethylacetylacetone.....	27.8	0.9496	1.42386	1.42615	1.43183	1.43663	(17)
C ₇ H ₁₂ O ₂	Ethylacetylacetone.....	16.9	0.9560	1.43667	1.43968	1.44736	1.45447	(17, † 56)
C ₇ H ₁₂ O ₂	Hydroxymethylenemethyl- <i>tert</i> -b u t y l ketone.....	20.15	0.9347	1.44834	1.45263	1.46377	1.47449	(17)
C ₇ H ₁₂ O ₂	Acetylacetone <i>O</i> -ethyl ether.....	16.3	0.9477	1.46204	1.46648	1.47759	1.48790	(17)
C ₇ H ₁₂ O ₂	Cyclopentylacetic acid.....	34.0	1.0083	1.44579		1.45378	1.45838	(130)
C ₇ H ₁₂ O ₂	Cyclohexylcarboxylic acid.....	33.8	1.0253	1.45382		1.46197	1.46666	(130)
C ₇ H ₁₂ O ₂	α , β -Isoheptenic acid.....	15.3	0.9458	1.45118	1.45460*	1.46328	1.47034	(69)

Formula	Name	t_i , °C	d_4^t	α	D	β	γ	Lit.
$C_7H_{12}O_2$	Δ^2 -Isoheptenic acid	17.2	0.9430	1.44274	1.44569	1.45354	1.46017	(58)
$C_7H_{12}O_2$	α -Methyl- Δ^2 -hexenic acid	13.45	0.9477	1.43980	1.44246	1.44945	1.45512	(53)
$C_7H_{12}O_2$	γ -Methyl- Δ^2 -hexenic acid	14.2	0.9706	1.45027	1.45290	1.46001	1.46601	(53)
$C_7H_{12}O_2$	Ethyl angelate	19.5	0.9178	1.42781	1.43102*	1.43802	1.44435	(69)
$C_7H_{12}O_2$	Ethyl β , β -dimethylacrylate	15.0	0.9171	1.43335	1.43679*	1.44462	1.45177	(69)
$C_7H_{12}O_2$	Ethyl α , β -pentenate	21.9	0.9072	1.42737	1.43047*	1.43788	1.44422	(69)
$C_7H_{12}O_2$	Ethyl tiglate	19.5	0.9247	1.43236	1.43554*	1.44290	1.44927	(69)
$C_7H_{12}O_3$	δ -Ethoxy- γ -valerolactone	24.9	1.0715	1.43860	1.44082	1.44621	1.45089	(80)
$C_7H_{12}O_3$	Ethyl α -ethoxyacrylate	17.2	0.9956	1.42941	1.43241	1.43925	1.44536	(5)
$C_7H_{12}O_3$	Ethyl β -ethoxyacrylate	16.7	0.9965	1.44497	1.44852	1.45765	1.46574	(5)
$C_7H_{12}O_3$	Ethyl methylacetoacetate	17.8	1.0010	1.41876	1.42066	1.42671	1.43154	(9,† 105)
$C_7H_{12}O_3$	Methyl dimethylacetoacetate	16.8	1.0122	1.41946	1.42166	1.42701	1.43145	(9,† 105)
$C_7H_{12}O_3$	Ethyl levulinate	16.2	1.0168	1.42192	1.42416	1.42955	1.43415	(6)
$C_7H_{12}O_3$	Methyl cyclopentan-1-ol-1-carboxylate	17.0	1.1047	1.45445	1.45672	1.46237	1.46707	(63)
$C_7H_{12}O_4$	Diethyl malonate	17.2	1.0570	1.41255	1.41508	1.41977	1.42395	(9,† 105)
$C_7H_{12}O_4$	Dimethyl dimethylmalonate	24.2	1.0589	1.41106	1.41312	1.41816	1.42219	(9)
$C_7H_{12}O_4$	Dimethyl pyrotartrate	19.6	1.0692	1.41841	1.42042		1.42939	(102)
$C_7H_{12}O_4$	Ethyl hydrogen pyrotartrate	20.2	1.0982	1.42899	1.43121		1.44066	(102)
$C_7H_{14}N_2$	Dipropylcarbamide	23.0	0.8381	1.44253	1.44541	1.45244	1.45830	(106)
$C_7H_{14}N_2$	Dipropyleyanamide	24.4	0.8572	1.42744	1.42979	1.43537	1.44006	(106)
$C_7H_{14}N_2O_4$	Ethyl <i>n</i> -butylnitrocarbamate	20.7	1.0985	1.44256	1.44546	1.45270	1.45887	(109)
$C_7H_{14}N_2O_4$	Ethyl isobutylnitrocarbamate	20.5	1.0941	1.44043	1.44331	1.45052	1.45683	(109)
$C_7H_{14}N_2O_4$	Ethyl <i>sec</i> .-butylnitrocarbamate	21.4	1.0861	1.43685	1.43972	1.44681	1.45287	(109)
$C_7H_{14}O$	Butenyldimethyl carbinol	16.2	0.83822	1.43192	1.43446	1.44082	1.44622	(125)
$C_7H_{14}O$	1-Methylcyclohexan-1-ol	24.65	0.9251	1.45631	1.45874	1.46428	1.46908	(55)
$C_7H_{14}O$	1-Methylcyclohexan-2-ol	13.4	0.9333	1.46352	1.46585	1.47180	1.47665	(55)
$C_7H_{14}O$	1-Methylcyclohexan-3-ol	24.4	0.9152	1.45497	1.45734	1.46319	1.46819	(55)
$C_7H_{14}O$	1-Methylcyclohexan-4-ol	20.7	0.9175	1.45595	1.45833	1.46406	1.46897	(55,† 61)
$C_7H_{14}O$	5-Methyl-1-hexen-5-ol	16.2	0.8382	1.43194	1.43446	1.44082	1.44622	(71)
$C_7H_{14}O$	Oenanthaldehyde	20	0.8495	1.42339	1.42571	1.43094	1.43514	(93)
$C_7H_{14}O$	Dipropyl ketone	21.7	0.8160	1.40521	1.40732		1.41650	(105)
$C_7H_{14}O_2$	Cycloacetobutyl methyl ether	16.7	0.9485	1.42629	1.42830*	1.43324	1.43742	(28)
$C_7H_{14}O_2$	Heptylic acid	19.8	0.91846	1.41932	1.42162	1.42682	1.43132	(125,† 130, 147)
$C_7H_{14}O_2$	Ethyl isovalerate	18.8	0.86840	1.39520	1.39671	1.40203	1.40605	(125)
$C_7H_{14}O_2$	Isoamyl acetate	17.9	0.87450	1.39958	1.40170	1.40658	1.41072	(125,† 134)
$C_7H_{15}N$	β -Ethylpiperidine	23.2	0.8565	1.45058	1.45310		1.46449	(106)
$C_7H_{15}N$	γ -Ethylpiperidine	18.9	0.8260	1.44192	1.44450	1.45103	1.45647	(106)
$C_7H_{15}N$	γ -Dimethylpiperidylamine	19.2	0.7585	1.41940	1.42203	1.42890	1.43466	(106)
$C_7H_{15}NO$	Dipropylketoxime	24.1	0.8877	1.44456	1.44724		1.45914	(106)
$C_7H_{15}NO_2$	Ethyl <i>n</i> -butylcarbamate	25.6	0.9434	1.42552	1.42784	1.43339	1.43784	(109)
$C_7H_{15}NO_2$	Ethyl isobutylcarbamate	26.7	0.9386	1.42302	1.42530	1.43087	1.43534	(109)
$C_7H_{15}NO_2$	Ethyl <i>sec</i> .-butylcarbamate	26.0	0.9404	1.42430	1.42666	1.43214	1.43652	(109)
C_7H_{16}	Heptane	23	0.6809	1.3826	1.3867	1.3917	1.3991	(132)
$C_7H_{16}O$	<i>n</i> -Heptyl alcohol	22.4		1.42116	1.42326	1.42843	1.43281	(131)
$C_7H_{16}O_3$	Triethyl orthoformate	18.8	0.8971	1.39034	1.39218	1.39676	1.40044	(108)
$C_8H_4Cl_2O_2$	Phthalyl chloride	15.5	1.4077	1.56505	1.57099	1.45676	1.60116	(80,† 95)
$C_8H_4Cl_2O_2$	Isophthalyl chloride	46.9	1.3872	1.56336	1.56999	1.58672	1.60236	(80)
C_8H_6	Phenylacetylene	12.5	0.9371	1.54604	1.5524	1.57986	1.59856	(150)
$C_8H_6N_2$	Quinoxaline	48.0	1.1334	1.61428	1.62311	1.64858	1.67341	(109)
C_8H_6O	Coumarone	22.7	1.0913	1.55787	1.56450	1.58101	1.59609	(41)
$C_8H_6O_2$	<i>o</i> -Hydroxyphenylacetic acid lactone	15.4	1.2220	1.54781	1.55337	1.56552	1.57667	(19)
$C_8H_6O_2$	Phthalide	99.1	1.1636	1.53021	1.53560	1.54896		(49)
C_8H_6S	Thionaphthene	36.2	1.1484	1.62509	1.63324	1.65439	1.67386	(41)
C_8H_7N	Benzyl cyanide	20.2	1.0176	1.51977	1.52422		1.54552	(106)
C_8H_7N	<i>o</i> -Tolunitrile	23.1	0.9896	1.52200	1.52720		1.55228	(106)
C_8H_7NO	Methylantranil	19.95	1.1334	1.57019	1.57795	1.60005	1.62206	(117, 118†)
C_8H_8	Cinnamene	21	0.9111	1.5318	1.5446	1.5615	1.5936	(132)
C_8H_8	Styrene	17	0.90595	1.53699	1.54344	1.56036	1.57588	(14, 43,† 155, 156)
$C_8H_8Cl_2O$	<i>o</i> -Methyldichloromethylketodihydrobenzene	44	1.2573	1.52275	1.52908	1.54159	1.55792	(52)
$C_8H_8Cl_2O$	<i>p</i> -Methyldichloromethylketodihydrobenzene	51		1.53141	1.53644	1.54779	1.55832	(52)

Formula	Name	<i>t</i> , °C	<i>d</i> ₄ ²⁵	<i>n</i> _D ²⁵	D	β	γ	Lit.
C ₈ H ₈ Cl ₂ O	1-Methyl-1-dichloromethyl-3, 5-cyclohexadien-2-one.....	33.5	1.2700	1.52766	1.53284	1.54660		(45)
C ₈ H ₈ Cl ₂ O	1-Methyl-1-dichloromethyl-4-keto-2, 5-cyclohexadiene.....	51		1.53141	1.53644	1.54779	1.55832	(45)
C ₈ H ₈ N ₂	Methylmethenyl- <i>o</i> -phenylenediamine...	17.1	1.1283	1.59454	1.60133	1.61906	1.63498	(109)
C ₈ H ₈ O	Coumarane.....	13.3	1.0800	1.54485	1.54997	1.56374	1.57572	(16)
C ₈ H ₈ O	<i>o</i> -Hydroxystyrene.....	35.7	1.0466	1.56997	1.57724	1.59661	1.61474	(14)
C ₈ H ₈ O	Phenylacetaldehyde.....	19.6	1.0272	1.52056	1.52546	1.53738	1.54783	(43)
C ₈ H ₈ O	<i>o</i> -Toluic aldehyde.....	19.0	1.0386	1.54233	1.54852	1.56502	1.57978	(41)
C ₈ H ₈ O	<i>m</i> -Toluic aldehyde.....	21.4	1.0189	1.53444	1.54068	1.55676	1.57168	(41)
C ₈ H ₈ O	<i>p</i> -Toluic aldehyde.....	16.6	1.0195	1.54015	1.54693	1.56413	1.58000	(8, 41)
C ₈ H ₈ O	Acetophenone.....	19.1	1.0293	1.52832	1.53427	1.55003	1.56103	(43, † 44, 105, 145)
C ₈ H ₈ O ₂	Anisaldehyde.....	12.7	1.1302	1.56784	1.57641	1.59764		(41)
C ₈ H ₈ O ₂	<i>p</i> -Homosalicylaldehyde.....	59.2	1.0913	1.53921	1.54655	1.56840		(41)
C ₈ H ₈ O ₂	<i>m</i> -Methoxybenzaldehyde.....	13.9	1.1245	1.55006	1.55656	1.57486	1.59228	(41)
C ₈ H ₈ O ₂	<i>o</i> -Hydroxyacetophenone.....	21.3	1.1303	1.55061	1.55797	1.57821	1.59931	(41)
C ₈ H ₈ O ₂	Salicylaldehyde methyl ether.....	20.2	1.1326	1.55245	1.55966	1.57947	1.59912	(41)
C ₈ H ₈ O ₂	Methyl benzoate.....	16.0	1.0905	1.51309	1.51810	1.53060	1.54157	(43, 44 †)
C ₈ H ₈ O ₃	Methyl salicylate.....	21		1.5206	1.5319	1.5241	1.5810	(134)
C ₈ H ₈ O ₄	Ethyl coumalate.....	39.2	1.2094	1.50176	1.50655	1.52081	1.53396	(23)
C ₈ H ₉ Br	<i>asym.</i> -Bromo- <i>o</i> -xylene.....	18.4	1.3708	1.55240	1.55712	1.57058	1.58194	(47)
C ₈ H ₉ Br	Bromo- <i>p</i> -xylene.....	18.5	1.3582	1.54676	1.55138	1.56467	1.57589	(47)
C ₈ H ₉ I	<i>asym.</i> -Iodo- <i>o</i> -xylene.....	18.35	1.6334	1.59884	1.60490	1.62163		(47)
C ₈ H ₉ I	<i>vic.</i> -Iodo- <i>o</i> -xylene.....	19.75	1.6395	1.60131	1.60736	1.62372		(47)
C ₈ H ₉ I	<i>asym.</i> -Iodo- <i>m</i> -xylene.....	16.3	1.6282	1.59436	1.60080	1.61687		(47)
C ₈ H ₉ I	<i>sym.</i> -Iodo- <i>m</i> -xylene.....	18.5	1.6085	1.59082	1.59672	1.61312		(47)
C ₈ H ₉ I	Iodo- <i>p</i> -xylene.....	17.4	1.6168	1.59273	1.59917	1.61508		(47)
C ₈ H ₉ NO	α-Benzaldoxime <i>O</i> -methyl ether.....	17.0	1.0227	1.54311	1.55001*	1.56798	1.58494	(74)
C ₈ H ₉ NO ₂	<i>aci</i> -Phenylnitromethane methyl ether...	15.0	1.1241	1.57895	1.58708*	1.60751	1.62445	(74)
C ₈ H ₁₀	Ethylbenzene.....	14.5	0.8708	1.49423	1.49828	1.50953	1.51904	(20, † 95, 148)
C ₈ H ₁₀	<i>o</i> -Xylene.....	15.5	0.8837	1.50368	1.50777	1.51960	1.52958	(20, † 105, 148)
C ₈ H ₁₀	<i>m</i> -Xylene.....	14.85	0.8686	1.49548	1.49962	1.51128	1.52112	(20, † 148)
C ₈ H ₁₀	<i>p</i> -Xylene.....	16.2	0.8624	1.49335	1.49734	1.50912	1.51902	(20, † 105, 148)
C ₈ H ₁₀ N ₂ O ₂	Benzylmethylnitroamine.....	25.7	1.1706	1.54621	1.55150	1.56531	1.57750	(109)
C ₈ H ₁₀ O	<i>o</i> -Methoxytoluene.....	15.3	0.9854	1.51447	1.51888	1.53150	1.54238	(16, † 47)
C ₈ H ₁₀ O	<i>m</i> -Methoxytoluene.....	12.85	0.9784	1.51184	1.51638	1.52892	1.53981	(47)
C ₈ H ₁₀ O	<i>p</i> -Methoxytoluene.....	19.3	0.9709	1.50797	1.51237	1.52488	1.53557	(47)
C ₈ H ₁₀ O	Phenetole.....	13.7	0.9698	1.50605	1.51026	1.52242	1.53273	(47)
C ₈ H ₁₀ OS	α-Butyrothienone.....	17.2	1.0912	1.53747	1.54312*	1.55806	1.57136	(59)
C ₈ H ₁₀ OS	α-Ethyl-α'-acetothienone.....	16.2	1.0832	1.54576	1.55227*	1.56951	1.58636	(59)
C ₈ H ₁₁ Cl	1, 3-Dimethyl-5-chloro-3, 5-cyclohexadiene.....	15.4	1.0065	1.50022	1.50459	1.51626		(77)
C ₈ H ₁₁ ClO	1, 1-Dimethyl-5-chloro-4-cyclohexen-3-one.....	19.7	1.0841	1.49175	1.49547	1.50550	1.51434	(67)
C ₈ H ₁₁ Cl ₃ O ₃	Ethyl γ, γ, γ-trichloro-β-acetylbutyrate.	14.1	1.3395	1.46224	1.46458	1.47079	1.47612	(81)
C ₈ H ₁₁ ClO ₄	Diethyl chlorofumarate.....	18.3	1.1890	1.45455	1.45782	1.46594	1.47299	(80)
C ₈ H ₁₁ N	Amylpropionic nitrile.....	13	0.8508	1.45247	1.4553	1.46333	1.46952	(150)
C ₈ H ₁₁ N	<i>vic.</i> - <i>o</i> -Xylidine.....	15.3	0.9963	1.56493	1.57063	1.58664	1.60058	(47)
C ₈ H ₁₁ N	<i>m</i> -Xylidine.....	19.6	0.9783	1.55472	1.56066	1.57616	1.59018	(106)
C ₈ H ₁₁ N	<i>asym.</i> - <i>m</i> -Xylidine.....	14.75	0.9786	1.55579	1.56155	1.57748	1.59132	(47)
C ₈ H ₁₁ N	<i>sym.</i> - <i>m</i> -Xylidine.....	12.1	0.9791	1.55622	1.56179	1.57761	1.59140	(47)
C ₈ H ₁₁ N	<i>vic.</i> - <i>m</i> -Xylidine.....	14.05	0.9846	1.55785	1.56347	1.57922	1.59281	(47)
C ₈ H ₁₁ N	<i>p</i> -Xylidine.....	21.3	0.9790	1.55329	1.55914		1.58803	(106)
C ₈ H ₁₁ N	Dimethylaniline.....	20	0.9575	1.55203	1.55873	1.57658	1.59332	(91, 95, 106, † 131)
C ₈ H ₁₁ N	Ethylaniline.....	20.3	0.9620	1.54939	1.55558		1.58631	(106)
C ₈ H ₁₁ NO	1-Methyl-1-cyanocyclohexan-2-one.....	16.1	1.0189	1.45976	1.46239*	1.46820	1.47341	(39)
C ₈ H ₁₁ NO	3-Methyl-1-cyanocyclohexan-2-one.....	15.5	1.0443	1.47084	1.47305*	1.47969	1.48479	(39)
C ₈ H ₁₁ NO	1-Methyl-2, 3-(α, β-tetrahydrobenz)-isoxazole.....	16.2	1.0628	1.48956	1.49262*	1.50031	1.50679	(31)
C ₈ H ₁₁ NO	1-Methyl-2, 3-(β, γ-tetrahydrobenz)-isoxazole.....	13.0	1.0687	1.49206	1.49517*	1.50287	1.50943	(31)
C ₈ H ₁₁ NO ₂	α-Cyano-Δ ¹ -isoheptenic acid.....	99.6	0.9715	1.44367	1.44690	1.45599	1.46409	(58)

Formula	Name	t_b , °C	d_4^t	α	D	β	γ	Lit.
$C_8H_{11}NO_3$	Ethyl α -cyano- Δ^1 -pentenate.....	19.9	1.0004	1.44988	1.45292	1.46152	1.46869	(58)
$C_8H_{11}NO_2$	Ethyl α -propiocyanoacetate.....	20	1.0762	1.4567	1.4603	1.4697	1.4780	(138)
$C_8H_{11}NO_3$	Methyl α -butyrocycanoacetate.....	20	1.0933	1.4722	1.4763	1.4871	1.4968	(138)
$C_8H_{11}NO_4$	Diethyl cyanomalonate.....	20	1.0931	1.4240	1.4263	1.4316	1.4362	(138)
C_8H_{12}	$\Delta^{1,3}$ -Dihydro- <i>p</i> -xylene.....	19.5	0.8363	1.47467	1.47888	1.48983	1.49998	(51)
C_8H_{12}	1, 3-Dimethyl-3, 5-cyclohexadiene.....	19.7	0.8189	1.46828	1.47212	1.48214	1.49096	(77)
C_8H_{12}	1, 4-Dimethyl-1, 3-cyclohexadiene.....	16.1	0.8370	1.47787	1.48219	1.49380	1.50459	(43, 54†)
C_8H_{12}	1-Methyl-3-methene-1-cyclohexene.....	17.0	0.8389	1.48274	1.48723	1.49872	1.50910	(44)
$C_8H_{12}ClN$	Dimethylaniline hydrochloride.....	18.5	1.1156	1.56140	1.56619	1.57829	1.58910	(161)
$C_8H_{12}Cl_2O$	1-Methyl-1-dichloromethylcyclohexan-2-one.....	17.5	1.2350	1.49798	1.50076	1.50738	1.51332	(67)
$C_8H_{12}Cl_2O$	1-Methyl-1-dichloromethylcyclohexan-4-one.....	52.8	1.2214	1.49459	1.49775	1.50402	1.50996	(67)
$C_8H_{12}Cl_2O_2$	Suberyl chloride.....	20.6	1.1720	1.46562	1.46847	1.47485	1.48049	(80)
$C_8H_{12}N_2$	2, 5-Dimethyl-3-ethylpyrazine.....	24.0	0.9657	1.49683	1.50136		1.52429	(106)
$C_8H_{12}N_2$	<i>asym.</i> -Ethylphenylhydrazine.....	20.8	1.0181	1.56462	1.57108*	1.58745	1.60262	(29)
$C_8H_{12}N_2$	2-Methyltetrahydroindazole.....	21.5	1.0287	1.51257	1.51619*	1.52520	1.53298	(60)
$C_8H_{12}O$	1, 3-Dimethyl-6-cyclohexen-5-one.....	11.7	0.9462	1.48246	1.48705	1.49633	1.50518	(43)
$C_8H_{12}O$	1-Isopropylene-2-ketocyclopentane.....	20	0.9355	1.46359	1.46660	1.47383	1.47994	(90)
$C_8H_{12}O_2$	Amylpropionic acid.....	12.6	0.9623	1.46025	1.46335	1.47100	1.47750	(150)
$C_8H_{12}O_2$	Diallylacetic acid.....	21.6	0.9474	1.44774	1.45084	1.45831	1.46442	(71, 125)
$C_8H_{12}O_2$	Δ^1 -Tetrahydro- <i>m</i> -toluic acid.....	69.0	1.0127	1.47283	1.47630*	1.48496		(26)
$C_8H_{12}O_2$	1-Hydroxymethylene-3-methylcyclohexan-2-one.....	15.8	1.0540	1.50072	1.50569	1.52010	1.53435	(56)
$C_8H_{12}O_2$	Ethyl sorbate.....	20.15	0.9560	1.49554	1.50227	1.52001	1.53664	(27, 45†)
$C_8H_{12}O_3$	Acetoxymethylenediethyl ketone.....	18.25	1.0342	1.46116	1.46486	1.47488	1.48438(?)	(17)
$C_8H_{12}O_3$	Ethyl ethylideneacetoacetate.....	18	1.0231	1.44945	1.45283	1.46109	1.46882	(45, † 105)
$C_8H_{12}O_4$	Diethyl fumarate.....	20	1.05199	1.43780	1.44103	1.44902	1.45591	(45, † 144)
$C_8H_{12}O_4$	Diethyl maleate.....	20	1.06917	1.43779	1.44070	1.44763	1.45352	(45, † 144)
$C_8H_{12}O_4$	Ethyl acetoxymethylenepropionate.....	18.6	1.0686	1.44558	1.44903	1.45760	1.46501	(17)
$C_8H_{12}O_4$	Ethyl <i>O</i> -acetylacetoacetate.....	14.95	1.0644	1.44402	1.44695	1.45511	1.46179	(17)
$C_8H_{12}O_4$	Ethyl diacetoacetate.....	18.3	1.0947	1.46512	1.46950	1.48067	1.49125	(17)
$C_8H_{12}O_5$	Diethyl hydroxymethylenemalonate.....	14.25	1.1275	1.45287	1.45605	1.46502	1.47275	(17)
$C_8H_{12}O_5$	Diethyl oxalacetate.....	16.6	1.1715	1.45309	1.45614		1.46993	(105)
$C_8H_{13}N$	Tropidine.....	18.4	0.9535	1.48752	1.49037	1.49793	1.50417	(25)
$C_8H_{13}NO$	Tropinone.....	99.6	0.9872	1.45975	1.46205	1.46910		(25)
$C_8H_{13}NO_2$	2-Cyano- <i>n</i> -heptoic acid.....	17.0	1.0250	1.44686	1.44940*	1.45495	1.45968	(39)
$C_8H_{13}NO_2$	α -Mesityl oxide oxime acetate.....	14	0.9925	1.47379	1.47707*	1.48671	1.49522	(74)
$C_8H_{13}NO_2$	β -Mesityl oxide oxime acetate.....	17.1	0.9922	1.47554	1.47972*	1.48998	1.49852	(74)
C_8H_{14}	1, 1-Dimethyl-3-cyclohexene.....	16.2	0.8056	1.44251	1.44521	1.45182	1.45722	(68)
C_8H_{14}	1, 2-Dimethyl-1-cyclohexene.....	13.5	0.8317	1.45906	1.46178	1.46908	1.47517	(55)
C_8H_{14}	1, 3-Dimethyl-3-cyclohexene.....	22.4	0.8000	1.44263	1.44533	1.45215	1.45795	(55)
C_8H_{14}	1, 3-Dimethyl-4-cyclohexene.....	18.0	0.8102	1.45014	1.45372	1.46078	1.46728	(77)
C_8H_{14}	1, 3-Dimethyl-5-cyclohexene.....	21.1	0.797	1.44086	1.44361	1.45020	1.45587	(55)
C_8H_{14}	1, 4-Dimethyl-1-cyclohexene.....	22	0.7989	1.44112	1.44372	1.45056	1.45626	(55)
C_8H_{14}	Ethenecyclohexane.....	17.6	0.8237	1.46094	1.46389	1.47139	1.47773	(55)
C_8H_{14}	1-Ethyl-1-cyclohexene.....	19.05	0.8238	1.45386	1.45673	1.46347	1.46944	(46)
C_8H_{14}	Ethylidenecyclohexane.....	17.3	0.8244	1.45965	1.46299	1.47010	1.47633	(46)
C_8H_{14}	1-Octene.....	12.5	0.7530	1.4183	1.42075	1.4272	1.4309	(150)
$C_8H_{14}Cl_2$	1-Methyl-1-dichloromethylcyclohexane.....	23.7	1.1272	1.48670	1.48947	1.49596	1.50145	(68)
$C_8H_{14}O$	Diallylmethyl carbinol.....	20.6	0.8437	1.43903	1.44172	1.44856	1.45414	(141)
$C_8H_{14}O$	1, 3-Dimethyl-1-cyclohexen-3-ol.....	17.5	0.9327	1.47417	1.47711	1.48458	1.49076	(10)
$C_8H_{14}O$	1, 1-Dimethylcyclohexan-2-one.....	19.9	0.9146	1.44624	1.44863	1.45443	1.45940	(67)
$C_8H_{14}O$	1, 1-Dimethylcyclohexan-3-one.....	18.6	0.9068	1.44513	1.44763	1.45352	1.45851	(67)
$C_8H_{14}O$	1, 1-Dimethylcyclohexan-4-one.....	22.45	0.9280	1.45096	1.45334	1.45941	1.46442	(67)
$C_8H_{14}O$	1, 2-Dimethylcyclohexan-4-one.....	12.6	0.9121	1.44871	1.45094	1.45712	1.46208	(21)
$C_8H_{14}O$	1, 3-Dimethylcyclohexan-2-one.....	11.85	0.9204	1.44976	1.45189	1.45811	1.46252	(62)
$C_8H_{14}O$	1, 3-Dimethylcyclohexan-5-one.....	18.2	0.8933	1.44077	1.44333	1.44916	1.45416	(55)
$C_8H_{14}O_2$	Cyclohexylacetic acid.....	33.5	1.0012	1.45482		1.46303	1.46780	(130)
$C_8H_{14}O_2$	2, 6-Dimethyl- Δ^2 -hexenic acid.....	15.8	0.9360	1.44524	1.44800	1.45514	1.46105	(53)
$C_8H_{14}O_2$	α -Ethyl- Δ^2 -hexenic acid.....	16.5	0.9313	1.44122	1.44364	1.45064	1.45622	(53)
$C_8H_{14}O_2$	Dimethylacetylacetone.....	23.0	0.9336	1.42942	1.43168	1.43758	1.44254	(54)
$C_8H_{14}O_2$	Ethoxymethylene diethyl ketone.....	18.15	0.9446	1.46760	1.47169	1.48289	1.49325(?)	(17)
$C_8H_{14}O_2$	Propylacetylacetone.....	18.2	0.9363	1.43942	1.44369	1.45106	1.45831	(56)

Formula	Name	<i>t</i> , °C	<i>d</i> ₄ ²⁰	α	D	β	γ	Lit.
C ₈ H ₁₄ O ₂	Ethyl α -ethylcrotonate.....	17.0	0.9106	1.43407	1.43705*	1.44438	1.45069	(69)
C ₈ H ₁₄ O ₂	Ethyl α , β -hexenate.....	20	0.9005	1.43165	1.43474*	1.44200	1.44849	(69)
C ₈ H ₁₄ O ₂	Ethyl α , β -isohexenate.....	18.5	0.8971	1.43043	1.43363*	1.44079	1.44704	(69)
C ₈ H ₁₄ O ₂	Ethyl trimethylacrylate.....	19.3	0.9072	1.42680	1.42987	1.43718	1.44360	(43, † 69)
C ₈ H ₁₄ O ₃	Ethyl cyclopentan-1-ol-1-carboxylate...	16.0	1.0604	1.44897	1.45160	1.45693	1.46171	(63)
C ₈ H ₁₄ O ₃	Ethyl dimethylacetoacetate.....	18.8	0.9771	1.41616	1.41828	1.42358	1.42819	(9)
C ₈ H ₁₄ O ₃	Ethyl ethylacetoacetate.....	16.1	0.9835	1.42147	1.42366	1.42936	1.43434	(9, † 105)
C ₈ H ₁₄ O ₃	Ethyl β -ethoxycrotonate.....	37.6	0.9663	1.44307	1.44678	1.45571	1.46324	(6)
C ₈ H ₁₄ O ₃	Ethyl β -ethoxy- α -methylacrylate.....	21.6	0.9788	1.44649	1.45009	1.45931	1.46760	(5)
C ₈ H ₁₄ O ₄	Diethyl methylmalonate.....	18.7	1.0192	1.41154	1.41369	1.41881	1.42310	(9)
C ₈ H ₁₄ O ₄	Diethyl succinate.....	15.5	1.0454	1.42013	1.42227*	1.42738	1.43160	(73, † 105)
C ₈ H ₁₄ O ₄	Diethyl methylpyrotartrate.....	21.9	1.0285	1.41748	1.41959		1.42897	(102)
C ₈ H ₁₅ Br	1, 3-Dimethylcyclohexyl bromide.....	18.2	1.2074	1.48020	1.48321	1.49033	1.49626	(55)
C ₈ H ₁₅ Cl	1, 2-Dimethylcyclohexyl chloride.....	13.3	0.9708	1.46492	1.46723	1.47407		(21)
C ₈ H ₁₅ Cl	1, 4-Dimethylcyclohexyl chloride.....	18.5	0.9438	1.45088	1.45372	1.45942	1.46462	(21)
C ₈ H ₁₅ N	γ -Coniceine.....	18.4	0.8740	1.45808	1.46068	1.46707	1.47251	(109)
C ₈ H ₁₅ N	Tropine.....	21.6	0.9307	1.47427	1.47659	1.48318	1.48854	(25)
C ₈ H ₁₅ NO	Tropine.....	99.8	1.0161	1.47917	1.48113	1.48766	1.49269	(25)
C ₈ H ₁₆	1, 2-Dimethylcyclohexane.....	17.85	0.7809	1.42820	1.43020	1.43592	1.44056	(21, † 130)
C ₈ H ₁₆	1, 3-Dimethylcyclohexane.....	20.75	0.7707	1.42276	1.42499	1.43047	1.43500	(55)
C ₈ H ₁₆	1, 4-Dimethylcyclohexane.....	15.7	0.7722	1.42407	1.42597	1.43174	1.43624	(21, † 130)
C ₈ H ₁₆	Octylene.....	16.0	0.7256	1.4137	1.4157	1.4222	1.4274	(95, 148 †)
C ₈ H ₁₆ N ₂	Ethylmethylketazine.....	26.6	0.8338	1.44826	1.45160	1.46000	1.46717	(109)
C ₈ H ₁₆ O	Allyldiethyl carbinol.....	21.7	0.8470	1.43853	1.44100	1.44723	1.45235	(141)
C ₈ H ₁₆ O	Allylmethylpropyl carbinol.....	21.3	0.8340	1.43501	1.43758	1.44385	1.44889	(141)
C ₈ H ₁₆ O	1, 1-Dimethylcyclohexan-2-ol.....	22.4	0.9257	1.46404	1.46640	1.47240	1.47735	(67)
C ₈ H ₁₆ O	1, 1-Dimethylcyclohexan-3-ol.....	19.7	0.9089	1.45655	1.45893	1.46476	1.46964	(67)
C ₈ H ₁₆ O	1, 1-Dimethylcyclohexan-4-ol.....	24.7	0.9220	1.45896	1.46128	1.46716	1.47214	(67, † 68)
C ₈ H ₁₆ O	1, 2-Dimethylcyclohexan-2-ol.....	13.7	0.9252	1.46035	1.46248	1.46848	1.47330	(21)
C ₈ H ₁₆ O	1, 2-Dimethylcyclohexan-4-ol.....	12.5	0.9118	1.45826	1.46042	1.46645	1.47121	(21)
C ₈ H ₁₆ O	1, 3-Dimethylcyclohexan-3-ol.....	22.9	0.9028	1.45177	1.45414	1.45984	1.46463	(55)
C ₈ H ₁₆ O	1, 3-Dimethylcyclohexan-5-ol.....	18.55	0.8996	1.45354	1.45601	1.46181	1.46652	(55)
C ₈ H ₁₆ O	1, 4-Dimethylcyclohexan-4-ol.....	23.9	0.9060	1.45317	1.45534	1.46141	1.46622	(55)
C ₈ H ₁₆ O	Methylhexyl ketone.....	20	0.8185	1.41390	1.41613	1.42133	1.42569	(93)
C ₈ H ₁₆ O ₂	<i>cis</i> -Tetramethylbutenediol.....	98.9	0.8693	1.42026	1.42258*	1.42884		(73)
C ₈ H ₁₆ O ₂	<i>trans</i> -Tetramethylbutenediol.....	99.2	0.8634	1.41875	1.42164*	1.42747		(73)
C ₈ H ₁₆ O ₂	Octoic acid.....	21	0.90866	1.42439	1.42677	1.43194	1.43654	(125)
C ₈ H ₁₇ N	Coniine.....	21.9	0.8430	1.44867	1.45119		1.46239	(106, † 157)
C ₈ H ₁₇ N	<i>sym</i> -Copellidine.....	19.0	0.8315	1.44113	1.44354	1.44982	1.45524	(25)
C ₈ H ₁₇ NO	Ocanthaldoxime methyl ether.....	19.4	0.8384	1.42192	1.42431		1.43578	(106)
C ₈ H ₁₇ NO	Isocaproimido ethyl ether.....	17.9	0.8575	1.41766	1.41996	1.42526	1.42957	(109)
C ₈ H ₁₇ NO	Methyl hexylketoxime.....	20.8	0.8845	1.44899	1.45166		1.46339	(106)
C ₈ H ₁₈	Octane.....	17.6	0.7046	1.39677	1.39883	1.40372	1.40781	(129, 148)
C ₈ H ₁₈ N ₂ O	Nitrosodiisobutylamine.....	21.2	0.8915	1.44094	1.44387	1.45147	1.45810	(106)
C ₈ H ₁₈ O	Octyl alcohol.....	9.5		1.4246	1.4279	1.4338	1.4386	(134)
C ₈ H ₁₈ O	Methylhexyl carbinol.....	20	0.8193	1.42231	1.42444	1.42972	1.43397	(93)
C ₈ H ₁₈ N	Diisobutylamine.....	19.6	0.7450	1.40712	1.40934		1.41919	(106)
C ₈ H ₁₈ N	Phenylpropionic nitrile.....	41.5	1.0046	1.5775	1.58535	1.6068	1.62066	(150)
C ₈ H ₁₈ ClN	α -Chloroquinoline.....	24.6	1.2464	1.62586	1.63417	1.65650	1.67721	(106)
C ₈ H ₁₈ O	Phenylpropionic aldehyde.....	12.6	1.0680	1.59745	1.60785	1.63214	1.64930	(150)
C ₈ H ₇ BrO	1-Methyl-4-bromocoumarone.....	34.8	1.4771	1.58473	1.59149	1.60979	1.62638	(23)
C ₈ H ₇ ClO	Cinnamyl chloride.....	42.5	1.1645	1.60451	1.61364	1.64950	1.68531	(80)
C ₈ H ₇ N	Quinoline.....	24.9	1.0895	1.61610	1.62450	1.64702	1.66790	(106, † 134, 145)
C ₈ H ₇ N	Isoquinoline.....	25.1	1.0974	1.61411	1.62233	1.64430	1.66476	(106, † 109, 157)
C ₈ H ₈	Indene.....	12.7	1.01995	1.56454	1.57107	1.58743	1.60220	(161)
C ₈ H ₈ Cl ₄	3, 5-Dichloro-1-methyl-4-(β , β -dichloro-ethyl)-benzene.....	19.0	1.3976	1.56306	1.56784	1.57991	1.59033	(4)
C ₈ H ₈ Cl ₄	3, 5-Dichloro-1-methyl-1-dichloromethyl-4-methene-2, 5-cyclohexadiene.....	16.7	1.4084	1.57462	1.58005	1.59387		(4)
C ₈ H ₈ N ₂	1-Phenylpyrazole.....	14.6	1.1177	1.59160	1.59890*	1.61747	1.63470	(60)
C ₈ H ₈ N ₂	Toluquinoxaline.....	18.4	1.1180	1.61205	1.62112	1.64639	1.67196	(109)
C ₈ H ₈ N ₂ O	2-Acetyldiazole (stable).....	16.8	1.1886	1.58240	1.58955*	1.60812	1.62611	(33)
C ₈ H ₈ O	Cinnamaldehyde.....	20	1.0497	1.60852	1.61949	1.65090	1.68295	(45, † 95)
C ₈ H ₈ O	1-Methylcoumarone.....	14.4	1.0588	1.55479	1.56145	1.57783	1.59297	(23)

Formula	Name	$t, ^\circ\text{C}$	d_4^t	α	D	β	γ	Lit.
$\text{C}_9\text{H}_8\text{O}$	2-Methylcoumarone.....	23.1	1.0543	1.54663	1.55255	1.56824	1.58224	(41)
$\text{C}_9\text{H}_8\text{O}$	4-Methylcoumarone.....	19	1.0605	1.55117	1.55729	1.57300	1.58743	(41)
$\text{C}_9\text{H}_8\text{O}$	α -Hydrindone.....	44.75	1.0938	1.55500	1.56084	1.57655	1.59206	(16)
$\text{C}_9\text{H}_8\text{OS}$	2-Methoxythionaphthene.....	13.6	1.2093	1.61990	1.62767	1.64810		(41)
$\text{C}_9\text{H}_8\text{O}_2$	2-Methoxycoumarone.....	19.3	1.1443	1.55277	1.55894	1.57489	1.58941	(41)
$\text{C}_9\text{H}_8\text{O}_2$	Methylphthalide.....	22	1.1559	1.53918	1.54380	1.55703	1.56828	(145)
$\text{C}_9\text{H}_8\text{O}_2$	1-Methylcoumaranone.....	19.7	1.1531	1.55620	1.56321	1.58288	1.60277	(19)
$\text{C}_9\text{H}_8\text{O}_2$	4-Methylcoumaranone.....	53.8	1.1506	1.55808	1.56521	1.58638		(19)
$\text{C}_9\text{H}_8\text{O}_3$	<i>o</i> -Acetoxymethylbenzaldehyde.....	44.5	1.1580	1.51715	1.52254	1.53646	1.54940	(41)
$\text{C}_9\text{H}_8\text{O}_3$	α -Methoxyphthalide.....	22.8	1.2151	1.53089	1.53522	1.54758	1.55815	(49)
$\text{C}_9\text{H}_8\text{O}_3$	Methyl <i>o</i> -phthalaldehydecaboxylate.....	19.6	1.2027	1.53635	1.54143	1.55596	1.56898	(49)
$\text{C}_9\text{H}_8\text{S}$	4-Methylthionaphthene.....	21.65	1.1108	1.60730	1.61476	1.63374	1.65141	(41)
$\text{C}_9\text{H}_9\text{BrO}$	α -Bromopropiophenone.....	19.6	1.4302	1.56617	1.57175	1.58770	1.60204	(15)
$\text{C}_9\text{H}_9\text{BrO}$	1-Methyl-4-bromocoumarane.....	14.4	1.4581	1.56684	1.57270	1.58670	1.59943	(16)
$\text{C}_9\text{H}_9\text{BrO}_2$	Ethyl <i>o</i> -bromobenzoate.....	15.4	1.4438	1.54088	1.54548	1.55837	1.56941	(47)
$\text{C}_9\text{H}_9\text{BrO}_2$	Ethyl <i>m</i> -bromobenzoate.....	18.9	1.4308	1.53836	1.54298	1.55616	1.56729	(47)
$\text{C}_9\text{H}_9\text{BrO}_2$	Ethyl <i>p</i> -bromobenzoate.....	17.3	1.4332	1.54329	1.54829	1.56261	1.57505	(47)
$\text{C}_9\text{H}_9\text{ClO}_2$	Ethyl <i>o</i> -chlorobenzoate.....	15.4	1.1942	1.52044	1.52470	1.53686	1.54717	(47)
$\text{C}_9\text{H}_9\text{ClO}_2$	Ethyl <i>m</i> -chlorobenzoate.....	15.4	1.1859	1.51803	1.52233	1.53454	1.54500	(47)
$\text{C}_9\text{H}_9\text{ClO}_2$	Ethyl <i>p</i> -chlorobenzoate.....	14.0	1.1873	1.52246	1.52700	1.54013	1.55150	(47)
$\text{C}_9\text{H}_9\text{Cl}_3$	5-Chloro-1-methyl-4-(β , β -dichloroethyl)-benzene.....	20.3	1.2874	1.54258	1.55012	1.56130	1.57143	(4)
$\text{C}_9\text{H}_9\text{NO}$	μ -Phenyloxazoline.....	23.4	1.1223	1.55975	1.56554	1.58074	1.59429	(106)
C_9H_{10}	Hydrindene.....	16.4	0.96250	1.53394	1.53877	1.55114	1.56136	(161)
C_9H_{10}	<i>o</i> -Methylstyrene.....	14.1	0.9155	1.54175	1.54765	1.56444	1.57904	(14)
C_9H_{10}	<i>p</i> -Methylstyrene.....	16.4	0.9003	1.53811	1.54465	1.56200	1.57784	(8)
C_9H_{10}	α -Methylstyrene.....	19.8	0.9078	1.52893	1.53492	1.54959	1.56284	(43)
C_9H_{10}	β -Methylstyrene.....	18.7	0.9145	1.54257	1.54967	1.56600	1.58103	(43)
$\text{C}_9\text{H}_{10}\text{Cl}_2\text{O}$	1, 3-Dimethyl-1-dichloromethyl-2, 5-cyclohexadien-4-one.....	20.5	1.2405	1.53960	1.54379	1.55613	1.56675	(89)
$\text{C}_9\text{H}_{10}\text{Cl}_2\text{O}$	1, 5-Dimethyl-1-dichloromethyl-3, 5-cyclohexadien-2-one.....	19.8	1.2250	1.52906	1.53366	1.54766		(88)
$\text{C}_9\text{H}_{10}\text{N}_2$	1-Ethylindazole.....	14.7	1.0678	1.56918	1.57577*	1.59267	1.60856	(60)
$\text{C}_9\text{H}_{10}\text{N}_2$	2-Ethylindazole.....	16.2	1.0768	1.58564	1.59310*	1.61238	1.63081	(60)
$\text{C}_9\text{H}_{10}\text{O}$	<i>o</i> -Allylphenol.....	14.25	1.0262	1.54290	1.54853	1.56164	1.57345	(47)
$\text{C}_9\text{H}_{10}\text{O}$	Cinnamyl alcohol.....	20	1.0440	1.57510	1.58190	1.59993	1.61631	(43, † 95, 132, 155, 156)
$\text{C}_9\text{H}_{10}\text{O}$	<i>o</i> -Propenylphenol.....	14.25	1.0438	1.57670	1.58368	1.60310	1.62110	(14)
$\text{C}_9\text{H}_{10}\text{O}$	Ethyl phenyl ketone.....	15.9	1.0134	1.52375	1.52900	1.54223	1.55403	(8)
$\text{C}_9\text{H}_{10}\text{O}$	<i>o</i> -Methylacetophenone.....	12.75	1.0203	1.52963	1.53522	1.54885	1.56134	(41)
$\text{C}_9\text{H}_{10}\text{O}$	<i>m</i> -Methylacetophenone.....	15.3	1.0108	1.52697	1.53270	1.54654	1.55946	(41)
$\text{C}_9\text{H}_{10}\text{O}$	<i>p</i> -Methylacetophenone.....	17.4	1.0061	1.52976	1.53533	1.55018	1.56369	(8)
$\text{C}_9\text{H}_{10}\text{O}$	α -Methoxystyrene.....	17.4	1.0047	1.55016	1.55701	1.57526	1.59233	(14)
$\text{C}_9\text{H}_{10}\text{O}$	α -Methoxystyrene.....	25.0	0.9936	1.53402	1.53997	1.55521	1.56918	(5)
$\text{C}_9\text{H}_{10}\text{O}$	β -Methoxystyrene.....	24.3	0.9886	1.55467	1.56197	1.58139	1.59962	(5)
$\text{C}_9\text{H}_{10}\text{O}$	1'-Methyl-2-hydroxystyrene.....	18.5	1.0296	1.54328	1.54904	1.56368	1.57699	(14)
$\text{C}_9\text{H}_{10}\text{O}$	1'-Methyl-3-hydroxystyrene.....	13.0	1.0476	1.56721	1.57337	1.59064	1.60612	(14)
$\text{C}_9\text{H}_{10}\text{O}$	Chavicol.....	18	1.033	1.5393	1.5441	1.5573	1.6689	(128)
$\text{C}_9\text{H}_{10}\text{O}$	Chromane.....	14.1	1.0697	1.54601	1.55063	1.56376	1.57526	(16)
$\text{C}_9\text{H}_{10}\text{O}$	1-Methylcoumarane.....	13.7	1.0363	1.52919	1.53375	1.54678	1.55800	(16)
$\text{C}_9\text{H}_{10}\text{O}$	4-Methylcoumarane.....	18.6	1.0463	1.53521	1.54044	1.55351	1.56537	(16)
$\text{C}_9\text{H}_{10}\text{O}_2$	<i>o</i> -Methoxy- <i>m</i> -toluic aldehyde.....	19.2	1.0988	1.54672	1.55375	1.57328		(41)
$\text{C}_9\text{H}_{10}\text{O}_2$	2-Hydroxy-5-methylacetophenone.....	53	1.0797	1.53426	1.54095	1.56135		(41)
$\text{C}_9\text{H}_{10}\text{O}_2$	α -Hydroxypropiophenone.....	22.8	1.1044	1.53104	1.53558	1.54873		(15)
$\text{C}_9\text{H}_{10}\text{O}_2$	<i>o</i> -Methoxyacetophenone.....	23.6	1.0850	1.53214	1.53787	1.55339	1.56792	(41)
$\text{C}_9\text{H}_{10}\text{O}_2$	<i>m</i> -Methoxyacetophenone.....	15.35	1.0993	1.53693	1.54313	1.55829	1.57247	(41)
$\text{C}_9\text{H}_{10}\text{O}_2$	<i>p</i> -Methoxyacetophenone.....	41.3	1.0816	1.53998	1.54684	1.56443	1.58094	(41)
$\text{C}_9\text{H}_{10}\text{O}_2$	<i>o</i> -Ethylbenzoic acid.....	99.6	1.0420	1.50559	1.51012	1.52333	1.53455	(145)
$\text{C}_9\text{H}_{10}\text{O}_2$	Ethyl benzoate.....	17.3	1.0496	1.50179	1.50682	1.51839	1.52854	(43)
$\text{C}_9\text{H}_{10}\text{O}_3$	Ethyl salicylate.....	14.4	1.1355	1.51977	1.52511	1.54036	1.55466	(41)
$\text{C}_9\text{H}_{10}\text{O}_3$	Methyl <i>o</i> -methoxybenzoate.....	19.5	1.1566	1.52893	1.53422	1.54789	1.56029	(41)
$\text{C}_9\text{H}_{11}\text{BrO}$	2-Ethoxy-4-bromotoluene.....	11.35	1.3592	1.54387	1.54858	1.56186	1.57332	(16)
$\text{C}_9\text{H}_{11}\text{I}$	<i>sym</i> -Iodopseudocumene.....	65.3	1.5113	1.57573	1.58129	1.59673		(47)
$\text{C}_9\text{H}_{11}\text{N}$	2-Dihydromethylindole.....	23.4	1.0197	1.56264	1.56868		1.59979	(106)

Formula	Name	<i>t</i> , °C	<i>d</i> ₄ ²⁰	α	D	β	γ	Lit.
C ₉ H ₁₁ N	Tetrahydroisoquinoline.....	23.1	1.0642	1.57418	1.57982		1.60681	(106)
C ₉ H ₁₁ N	Tetrahydroquinoline.....	23.9	1.0546	1.58675	1.59331	1.61093	1.62721	(106)
C ₉ H ₁₁ NO	α -Benzaldoxime ethyl ether.....	21.7	0.9918	1.52880	1.53498	1.55126	1.56628	(106)
C ₉ H ₁₁ NO ₂	<i>o</i> -Anisaloxime methyl ether.....	18.6	1.0934	1.54784	1.55505*	1.57405	1.59287	(31)
C ₉ H ₁₂	1, 1-Dimethyl-4-methene-2, 5-cyclohexadiene.....	15.8	0.8360	1.49799	1.50295	1.51739	1.53009	(89)
C ₉ H ₁₂	Isopropylbenzene.....	16.8	0.8662	1.49063	1.49441	1.50539	1.51466	(20, † 148)
C ₉ H ₁₂	Mesitylene.....	17.1	0.8646	1.49403	1.49804	1.50936	1.51891	(20, † 75, 92, 148)
C ₉ H ₁₂	<i>o</i> -Methylethylbenzene.....	16.05	0.8831	1.50148	1.50569	1.51697	1.52653	(16, 20 †)
C ₉ H ₁₂	<i>m</i> -Methylethylbenzene.....	19.9	0.8669	1.49575	1.49966	1.51102	1.52056	(20, 61 †)
C ₉ H ₁₂	<i>p</i> -Methylethylbenzene.....	22.8	0.8597	1.48921	1.49303	1.50417	1.51353	(20, † 61, 145)
C ₉ H ₁₂	Propylbenzene.....	12.25	0.8681	1.49176	1.49549	1.50630	1.51533	(20, † 148)
C ₉ H ₁₂	Pseudocumene.....	15.3	0.8794	1.50259	1.50672	1.51841	1.52816	(20, † 105, 148)
C ₉ H ₁₂	1, 2, 3-Trimethylbenzene.....	19.55	0.8949	1.50930	1.51335	1.52503	1.53483	(20)
C ₉ H ₁₂ Cl ₂ O	1, 4-Dimethyl-4-dichloromethyl-1-cyclohexen-3-one.....	45.8	1.2067	1.51125	1.51508	1.52494	1.53365	(52)
C ₉ H ₁₂ N ₂ O	2-Acetyltetrahydroindazole.....	24.0	1.1148	1.52635	1.53098*	1.54227	1.55266	(60)
C ₉ H ₁₂ O	<i>o</i> -Ethoxytoluene.....	13.3	0.9592	1.50383	1.50791	1.51974	1.52987	(16, 47)
C ₉ H ₁₂ O	<i>m</i> -Ethoxytoluene.....	11.7	0.9558	1.50507	1.50920	1.52112	1.53112	(47)
C ₉ H ₁₂ O	<i>p</i> -Ethoxytoluene.....	17.6	0.9509	1.50175	1.50582	1.51749	1.52793	(47)
C ₉ H ₁₂ O	<i>asym.</i> -Methoxy- <i>m</i> -xylene.....	12.85	0.9696	1.51298	1.51730	1.52967	1.54023	(16)
C ₉ H ₁₂ O	Benzylmethyl carbinol.....	14.5	0.9988	1.52017	1.52425	1.53453	1.54355	(57)
C ₉ H ₁₂ O	Phenylpropyl alcohol.....	20	1.0079	1.53101	1.53565	1.54782	1.55829	(92)
C ₉ H ₁₂ O	<i>m</i> -Tolylmethyl carbinol.....	15.35	0.9973	1.52262	1.52635	1.53740	1.54710	(41)
C ₉ H ₁₂ O	<i>p</i> -Tolylmethyl carbinol.....	18.4	1.0045	1.52880	1.53391	1.54835	1.56127	(61)
C ₉ H ₁₂ O	<i>asym.</i> - <i>o</i> -Xylenyl methyl ether.....	13.7	0.9744	1.51545	1.51980	1.53194	1.54249	(47)
C ₉ H ₁₂ O	<i>vic.</i> - <i>o</i> -Xylenyl methyl ether.....	39.7	0.9596	1.50786	1.51197	1.52418	1.53434	(47)
C ₉ H ₁₂ O	<i>asym.</i> - <i>m</i> -Xylenyl methyl ether.....	12.85	0.9696	1.51298	1.51730	1.52967	1.54023	(16, † 47)
C ₉ H ₁₂ O	<i>sym.</i> - <i>m</i> -Xylenyl methyl ether.....	15.1	0.9627	1.51056	1.51485	1.52695	1.53730	(47)
C ₉ H ₁₂ O	<i>vic.</i> - <i>m</i> -Xylenyl methyl ether.....	13.6	0.9619	1.50148	1.50533	1.51666	1.52610	(47)
C ₉ H ₁₂ O	<i>p</i> -Xylenyl methyl ether.....	12.8	0.9693	1.51388	1.51818	1.53057	1.54106	(47)
C ₉ H ₁₂ OS	α -Isovalerothienone.....	14.4	1.0677	1.53246	1.53803*	1.55238	1.56627	(59)
C ₉ H ₁₂ OS	α -Propyl- α' -acetothienone.....	14.6	1.0663	1.54079	1.54710*	1.56368	1.57997	(59)
C ₉ H ₁₂ O ₂	<i>o</i> -Hydroxydihydrocinnamyl alcohol.....	15.0	1.1259	1.55121	1.55576	1.56805	1.57881	(16)
C ₉ H ₁₂ O ₂	1, 4-Dimethyl-1, 3-cyclohexadien-3-carboxylic acid.....	18.5	1.0446	1.49024	1.49384	1.50331	1.51158	(54)
C ₉ H ₁₂ O ₃	Acetoxymethylenecyclohexanone.....	15.6	1.1152	1.49537	1.49936	1.51041		(17)
C ₉ H ₁₂ O ₄	Dimethyl isoprenedicarboxylate.....	42.7	1.0964	1.49870	1.50482*	1.52115	1.53691	(27)
C ₉ H ₁₃ BrO ₅	Diethyl α -bromoacetylmalonate.....	18.1	1.3905	1.45777	1.46024	1.46712	1.47283	(34)
C ₉ H ₁₃ ClO ₅	Diethyl α -chloroacetylmalonate.....	12.25	1.1948	1.44243	1.44456	1.45073	1.45573	(34)
C ₉ H ₁₃ Cl ₂ O	1, 1, 1-Trichloro-2-hydroxy-3-nonine.....	9.9	1.2342	1.49695	1.5000	1.50735	1.51216	(150)
C ₉ H ₁₃ N	Dimethyl- <i>o</i> -toluidine.....	23.3	0.9250	1.51932	1.52437		1.54841	(106)
C ₉ H ₁₃ N	Dimethyl- <i>p</i> -toluidine.....	20.2	0.9366	1.54061	1.54686		1.57784	(106)
C ₉ H ₁₃ N	Hexylpropionic nitrile.....	14.4	0.8493	1.45344	1.45637	1.46410	1.46977	(150)
C ₉ H ₁₃ NO	1-Ethyl-1-cyanocyclohexan-2-one.....	13.6	1.0136	1.46619	1.46851	1.47476	1.47980	(39)
C ₉ H ₁₃ NO	1-Cyano-2-ethoxy-1-cyclohexene.....	13.9	1.0243	1.49320	1.49657	1.50627		(39)
C ₉ H ₁₃ NO ₃	Ethyl α -butyro- α -cyanoacetate.....	20	1.0561	1.4577	1.4614	1.4706	1.4789	(138)
C ₉ H ₁₃ NO ₃	Ethyl α -isobutyro- α -cyanoacetate.....	20	1.0542	1.4570	1.4606	1.4699	1.4782	(138)
C ₉ H ₁₃ NO ₄	Diethyl methylecyanomalonate.....	20	1.0695	1.4209	1.4232	1.4282	1.4324	(138)
C ₉ H ₁₄	1-Methyl-4-ethyl-1, 3-cyclohexadiene.....	19.4	0.8371	1.47828	1.48250	1.49353	1.50422	(43, 52 †)
C ₉ H ₁₄ Cl ₂	1, 4-Dimethyl-1-dichloromethyl-3-cyclohexene.....	23	1.1227	1.49622	1.49913	1.50650	1.51275	(68)
C ₉ H ₁₄ N ₂	2, 7-Dimethyltetrahydroindazole.....	19.1	1.0126	1.50872	1.51233*	1.52099	1.52848	(60)
C ₉ H ₁₄ O	<i>asym.</i> -Diallylacetone.....	20.9	0.8591	1.44322	1.44622	1.45363	1.45991	(71)
C ₉ H ₁₄ O	<i>sym.</i> -Diallylacetone.....	14.0	0.8684	1.44752	1.45041	1.45789	1.46418	(71, † 125)
C ₉ H ₁₄ O	Phorone.....	20	0.8850	1.49393	1.49982	1.51527		(95)
C ₉ H ₁₄ O	α , β -Pulenenone.....	16.5	0.9317	1.47613	1.47958	1.48884	1.49688	(43, † 50)
C ₉ H ₁₄ O	β , γ -Pulenenone.....	17.7	0.9055	1.45305	1.45582	1.46277	1.46866	(50)
C ₉ H ₁₄ O	1, 1, 3-Trimethyl-2-cyclohexen-4-one.....	16.3	0.9332	1.47622	1.47951	1.48857	1.49645	(21)
C ₉ H ₁₄ O ₂	α -Cyclohexenepropionic acid.....	20.3	1.0099	1.47240	1.47526	1.48253	1.48871	(46)
C ₉ H ₁₄ O ₂	Hexylpropionic acid.....	12.5	0.9525	1.4611	1.46429	1.4715	1.4777	(150)
C ₉ H ₁₄ O ₂	2-Methylcyclohexenecetic acid.....	15.8	1.0277	1.47896	1.48170			(46)
C ₉ H ₁₄ O ₂	3-Methylcyclohexenecetic acid.....	15.4	1.0273	1.47935	1.48239	1.48953	1.49515	(46)

Formula	Name	t , °C	d_4^t	α	D	β	γ	Lit.
$C_9H_{14}O_2$	1-Hydroxymethylenec-4, 5-dimethylcyclohexan-2-one.....	15.9	1.0257	1.49489	1.49950	1.51278	1.52562	(56)
$C_9H_{14}O_2$	Ethoxymethylenecyclohexanone.....	10.8	1.0291	1.49615	1.50019	1.51161	1.52218	(17)
$C_9H_{14}O_2$	Ethyl α -methylsorbate.....	16.5	0.9501	1.49306	1.49907*	1.51492	1.52998	(27)
$C_9H_{14}O_2$	Ethyl γ -methylsorbate.....	15.6	0.9499	1.49484	1.50087*	1.51642	1.53138	(27)
$C_9H_{14}O_2$	Ethyl Δ^1 -tetrahydrobenzoate.....	14.15	1.0032	1.46793	1.47167*	1.47885	1.48558	(26)
$C_9H_{14}O_2$	Methyl amylpropionate.....	12.3	0.9335	1.4477	1.45092	1.4579	1.4635	(150)
$C_9H_{14}O_2$	Methyl cyclohexeneacetate.....	18.2	1.0032	1.46561	1.46871	1.47558	1.48165	(46)
$C_9H_{14}O_2$	Methyl cyclohexylideneacetate.....	19.7	0.9989	1.47916	1.48308	1.49187	1.49959	(46)
$C_9H_{14}O_3$	Acetoxymethylenemethyl- <i>tert</i> -butyl ketone.....	53.3	0.9645	1.44122	1.44434	1.45359	1.46226(?)	(17)
$C_9H_{14}O_3$	Ethyl allylacetate.....	17.6	0.9922	1.43602	1.43875		1.45031	(105)
$C_9H_{14}O_3$	Ethyl isopropylideneacetate.....	19.9		1.44915	1.45233	1.46024	1.46729	(45)
$C_9H_{14}O_4$	Diethyl citraconate.....	20	1.0624	1.44380	1.44693	1.45439	1.46098	(45, † 144)
$C_9H_{14}O_4$	Diethyl itaconate.....	20	1.0461	1.43614	1.43884	1.44532	1.45082	(44, 144)
$C_9H_{14}O_4$	Diethyl mesaconate.....	20	1.04674	1.44599	1.44931	1.45751	1.46460	(45, † 144)
$C_9H_{14}O_4$	Diethyl ethylenemalonate.....	16.1	1.0426	1.43798	1.44084	1.44785	1.45393	(45)
$C_9H_{14}O_4$	Ethyl ethoxymethylenecyclohexanecarboxylate.....	16.9	1.0709	1.47210	1.47623	1.48710	1.49708	(17)
$C_9H_{14}O_4$	Ethyl acetoneoxalate <i>O</i> -ethyl ether.....	15.3	1.0644	1.46655	1.47103	1.48316	1.49452	(42)
$C_9H_{14}O_5$	Diethyl acetonedicarboxylate.....	23.6	1.1071	1.43529	1.43775		1.44936	(105)
$C_9H_{14}O_5$	Diethyl acetylmalonate.....	14.2	1.1051	1.44574	1.44860	1.45692	1.46411	(56, † 105)
$C_9H_{14}O_5$	Ethyl β -hydroxycarbethoxy- α , β -crotonate.....	23.9	1.0890	1.43808	1.44097	1.44809	1.45414	(43, † 105)
$C_9H_{14}S$	α -Isoamylthiophene.....	11.8	0.9481	1.49750	1.50144*	1.51096	1.51930	(59)
$C_9H_{15}ClO$	α , β -Nonylenyl chloride.....	19.2	0.9675	1.45738	1.46075*	1.46876	1.47608	(69)
$C_9H_{15}N$	α , β -Nonylenic nitrile.....	15.1	0.8365	1.44454	1.44758*	1.45483	1.46096	(69)
$C_9H_{15}NO$	Pseudopelletierine.....	99.5	1.0014	1.47351	1.47596	1.48289	1.48861	(25)
C_9H_{16}	1, 3-Dimethyl-5-methenecyclohexane.....	14.6	0.7918	1.44334	1.44628	1.45313	1.45917	(55)
C_9H_{16}	1-Isopropyl-1-cyclohexene.....	15.2	0.8320	1.45884	1.46150	1.46851	1.47436	(46)
C_9H_{16}	Isopropylidene-cyclohexane.....	15.8	0.8398	1.47181	1.47466	1.48203	1.48869	(46)
C_9H_{16}	Geraniolene.....	21.5	0.7680	1.44222	1.44532	1.45324	1.45912	(71)
C_9H_{16}	1, 1, 2-Trimethyl-2-cyclohexene.....	20.4	0.8216	1.45336	1.45603	1.46298	1.46877	(68)
C_9H_{16}	1, 1, 4-Trimethyl-3-cyclohexene.....	23.15	0.8021	1.44152	1.44422	1.45086	1.45652	(68)
C_9H_{16}	1, 2, 3-Trimethyl-1-cyclohexene.....	11.75	0.8347	1.46015	1.46296	1.47021	1.47603	(62)
C_9H_{16}	1, 2, 5-Trimethyl-4-cyclohexene.....	16.15	0.8078	1.44742	1.44990	1.45683	1.46264	(21)
C_9H_{16}	1, 3, 5-Trimethylcyclohexene.....	24.7	0.7941	1.44102	1.44378	1.45057	1.45638	(55)
$C_9H_{16}Br_2$	1, 1, 4-Trimethyl-3, 4-dibromocyclohexane.....	18.7	1.5320	1.52474	1.52805	1.53642	1.54354	(68)
$C_9H_{16}O$	1, 1, 3-Trimethylcyclohexan-4-one.....	16.45	0.9045	1.44907	1.45130	1.45732	1.46240	(21)
$C_9H_{16}O$	1, 2, 5-Trimethylcyclohexan-4-one.....	17.4	0.8989	1.44797	1.45010	1.45618	1.46112	(21)
$C_9H_{16}O$	1, 3, 5-Trimethyl-3-cyclohexen-5-ol.....	21.5	0.9140	1.46995	1.47251	1.47999	1.48608	(75)
$C_9H_{16}O$	β , γ -Pulenol.....	18.5	0.9209	1.47113	1.47398	1.48116	1.48715	(50)
$C_9H_{16}O_2$	α , β -Nonylenic acid.....	15.6	0.9334	1.45267	1.45581*	1.46318	1.46956	(69)
$C_9H_{16}O_2$	Ethoxymethylenemethyl <i>tert</i> -butyl ketone.....	14.2	0.9158	1.45697	1.46048	1.47052	1.47951(?)	(17)
$C_9H_{16}O_2$	Ethyl α , β -isoheptenate.....	15.2	0.8930	1.43538	1.43845*	1.44576	1.45226	(69)
$C_9H_{16}O_3$	β -Amyl- β -methoxyacrylic acid.....	60.8	0.9688	1.45506	1.45876	1.46841		(17)
$C_9H_{16}O_3$	β , β -Dimethyl- δ -acetylvaleric acid.....	14.3	1.0374	1.45646	1.45894	1.46516		(68)
$C_9H_{16}O_3$	Ethyl methylethylacetate.....	18.7	0.9732	1.42399	1.42617	1.43154	1.43619	(9)
$C_9H_{16}O_4$	Azelaic acid.....	110.6	1.0291	1.42807		1.43576	1.44015	(130)
$C_9H_{16}O_4$	Diethyl dimethylmalonate.....	24.1	0.9917	1.40842	1.41049	1.41554	1.41972	(9)
$C_9H_{16}O_4$	Dimethyl diethylmalonate.....	24.5	1.0312	1.42330	1.42528	1.43052	1.43488	(9)
$C_9H_{16}O_4$	Diethyl pyrotartrate.....	19.8	1.0110	1.41717	1.41938*	1.42434	1.42857	(73, † 102)
$C_9H_{17}Br$	1, 1, 4-Trimethyl-4-bromocyclohexane.....	17.4	1.1700	1.47721	1.47995	1.48710	1.49311	(68)
$C_9H_{17}Br$	1, 3, 5-Trimethylcyclohexyl-1-bromide.....	11.1	1.1749	1.47951	1.48280	1.48971	1.49532	(55)
$C_9H_{17}Cl$	1, 3, 5-Trimethylcyclohexyl-1-chloride.....	15.2	0.9219	1.45182	1.45455	1.46035	1.46555	(55)
$C_9H_{17}Cl$	1, 3, 5-Trimethylcyclohexyl-5-chloride.....	13.9	0.9342	1.45566	1.45775	1.46412	1.46925	(21)
C_9H_{18}	1-Methyl-3-isopropylcyclopentane.....	15.2	0.7799	1.42744		1.43505	1.43947	(130)
C_9H_{18}	1, 1, 3-Trimethylcyclohexane.....	25.3	0.7866	1.43177	1.43385	1.43998	1.44453	(21)
C_9H_{18}	1, 2, 4-Trimethylcyclohexane.....	16.7	0.7848	1.43054		1.43829	1.44281	(130)
C_9H_{18}	1, 2, 5-Trimethylcyclohexane.....	16.9	0.7799	1.42860	1.43056	1.43632	1.44099	(21)
C_9H_{18}	1, 3, 5-Trimethylcyclohexane.....	13.1	0.7777	1.42971	1.43175	1.43764	1.44235	(21)
$C_9H_{18}O$	2, 6-Dimethyl-2-hepten-6-ol.....	17.6	0.8449	1.44633	1.44892	1.45572	1.46135	(71)
$C_9H_{18}O$	1-Isopropylcyclohexanol.....	15.5	0.9142	1.46064	1.46419	1.46891	1.47387	(46)

Formula	Name	<i>t</i> , °C	<i>d</i> ₄ ²⁵	α	D	β	γ	Lit.
C ₉ H ₁₈ O	Pulenenol.....	16.5	0.9082	1.46064	1.46319	1.46961	1.47486	(50)
C ₉ H ₁₈ O	1, 1, 2-Trimethylcyclohexan-2-ol.....	19.9	0.9258	1.46542	1.46788	1.47367	1.47862	(67)
C ₉ H ₁₈ O	1, 2, 5-Trimethylcyclohexan-4-ol.....	19.2	0.8988	1.45639	1.45851	1.46459	1.46938	(21)
C ₉ H ₁₈ O	1, 3, 5-Trimethylcyclohexan-5-ol.....	16.3	0.8880	1.45108	1.45371	1.45921	1.46422	(55)
C ₉ H ₁₈ O ₄	Ethyl α , α -diethoxypropionate.....	17.1	0.9792	1.41314	1.41508	1.42001	1.42419	(5)
C ₉ H ₁₈ S ₃	Trithioacetone.....	23.5	1.0647	1.53634	1.54026*	1.54970		(73)
C ₉ H ₁₉ N	α -Isobutylpiperidine.....	21.7	0.8510	1.45274	1.45534	1.46158	1.46681	(106)
C ₉ H ₁₉ N	<i>N</i> -Methyl- <i>sym</i> .-copellidine.....	19.7	0.8231	1.44063	1.44299	1.44952	1.45471	(25)
C ₉ H ₁₉ NO ₂	Ethyl <i>n</i> -hexylcarbamate.....	26.8	0.9226	1.43176	1.43412	1.43966	1.44416	(109)
C ₉ H ₂₀ O ₄	Tetraethyl orthocarbonate.....	16.55	0.9198	1.39334	1.39518*	1.39954	1.40324	(28, † 108)
C ₉ H ₂₁ N	Tripropylamine.....	19.4	0.7573	1.41515	1.41756		1.42814	(106, 132)
C ₉ H ₂₁ N ₃	Triformalethylamine.....	20.2	0.8941	1.45758	1.46044	1.46716	1.47287	(109)
C ₁₀ H ₆ Cl ₂	1, 2-Dichloronaphthalene.....	48.5	1.3147	1.62571	1.63375	1.65620	1.67720	(48)
C ₁₀ H ₆ Cl ₂	1, 4-Dichloronaphthalene.....	75.9	1.2997	1.61508	1.62282	1.64541	1.66589	(48)
C ₁₀ H ₆ Cl ₂	1, 7-Dichloronaphthalene.....	99.5	1.2611	1.60165	1.60921	1.63070	1.64954	(145)
C ₁₀ H ₆ Cl ₂	1, 8-Dichloronaphthalene.....	99.8	1.2924	1.61545	1.62357	1.64675	1.66555	(145)
C ₁₀ H ₇ Br	1-Bromonaphthalene.....	19.4	1.4868	1.64995	1.65876	1.68245	1.70433	(48, 111, † 112, 132)
C ₁₀ H ₇ Cl	1-Chloronaphthalene.....	21.6	1.1906	1.62365	1.63184	1.65456	1.67521	(48)
C ₁₀ H ₇ Cl	2-Chloronaphthalene.....	70.7	1.1377	1.60015	1.60787	1.62966		(48)
C ₁₀ H ₇ ClO ₃	1-Phenyl-3-hydroxy-4, 4, 4-trichloro-1-butene.....	9.5	1.3541	1.58585	1.5917	1.60708	1.6176	(150)
C ₁₀ H ₇ I	1-Iodonaphthalene.....	14	1.7474	1.69547	1.70540	1.73295		(145)
C ₁₀ H ₇ I	2-Iodonaphthalene.....	99.4	1.6319	1.65665	1.66617	1.69264		(145)
C ₁₀ H ₈	Naphthalene.....	99.6	0.9645	1.57472	1.58218	1.60328	1.62261	(48, 145 †)
C ₁₀ H ₈ O ₂	Methyl phenylpropionate.....	30.5	1.0768	1.56006	1.5786	1.5952	1.61512	(150)
C ₁₀ H ₈ ClN ₂	1-Phenyl-5-methyl-3-chloropyrazole.....	15.3	1.2106	1.58046	1.58653*	1.60159	1.61512	(60)
C ₁₀ H ₈ ClN ₂	1-Phenyl-3-methyl-5-chloropyrazole.....	16.2	1.1971	1.57516	1.58127*	1.59650	1.61021	(60)
C ₁₀ H ₈ ClO ₂	1, 4-Dimethyl-1-chlorocoumaranone.....	18.65	1.2189	1.54953	1.55580	1.57465	1.59368	(19)
C ₁₀ H ₈ ClO ₂	2, 2-Dimethyl-5-chlorocoumaranone.....	99.6	1.1484	1.51605	1.52238*	1.53943	1.55718	(40)
C ₁₀ H ₉ N	α -Methylquinoline.....	25.4	1.0536	1.60116	1.60909	1.63025	1.65024	(106)
C ₁₀ H ₉ N	γ -Methylquinoline.....	23.3	1.0709	1.59919	1.60695	1.62756	1.64664	(109)
C ₁₀ H ₉ N	α -Methylisoquinoline.....	20.5	1.0763	1.60173	1.60946	1.63009	1.64914	(109)
C ₁₀ H ₉ N	2-Naphthylamine.....	98.4	1.0614	1.63886	1.64927	1.67960	1.70193	(161)
C ₁₀ H ₉ N	<i>o</i> -Toluquinoline.....	20.8	1.0722	1.60810	1.61616	1.63773	1.65765	(109)
C ₁₀ H ₉ N	<i>m</i> -Toluquinoline.....	20.8	1.0670	1.60676	1.61486	1.63657	1.65677	(109)
C ₁₀ H ₉ N	<i>p</i> -Toluquinoline.....	23.0	1.0634	1.60608	1.61410	1.63584	1.65607	(109)
C ₁₀ H ₁₀	Δ^1 -Dihydronaphthalene.....	18.3	0.9976	1.57637	1.58317	1.60088	1.61720	(10)
C ₁₀ H ₁₀	Δ^2 -Dihydronaphthalene.....	32.7	0.9928	1.54992	1.55489	1.57652	1.57866	(10)
C ₁₀ H ₁₀	γ -Methylindene.....	27	0.9682	1.55319	1.55907	1.57460	1.58865	(98)
C ₁₀ H ₁₀	1-Phenylbutadiene.....	16	0.9309	1.60345	1.61283	1.64231	1.67190	(45, † 142)
C ₁₀ H ₁₀ N ₂	1-Allylindazole.....	17.8	1.0687	1.57563	1.58246*	1.59964	1.61569	(60)
C ₁₀ H ₁₀ N ₂	2-Allylindazole.....	15.0	1.0793	1.59298	1.60054*	1.62016	1.63876	(60)
C ₁₀ H ₁₀ N ₂	1-Phenyl-5-methylpyrazole.....	12.4	1.0936	1.57925	1.58550*	1.60120	1.61534	(60)
C ₁₀ H ₁₀ N ₂ O	2-Acetyl-6-methylindazole.....	4.95	1.1623	1.57984	1.58676*	1.60479	1.62177	(33)
C ₁₀ H ₁₀ N ₂ O ₂	Ethyl indazole-2-carboxylate.....	13.2	1.2060	1.56324	1.56939*	1.58514	1.59960	(29)
C ₁₀ H ₁₀ O	1, 4-Dimethylcoumarone.....	15.5	1.0346	1.54964	1.55537	1.57176	1.58632	(23)
C ₁₀ H ₁₀ O	1, 6-Dimethylcoumarone.....	14.4	1.0414	1.55061	1.55708	1.57261	1.58700	(23)
C ₁₀ H ₁₀ O	2, 4-Dimethylcoumarone.....	22.2	1.0347	1.54260	1.54846	1.56339	1.57683	(41)
C ₁₀ H ₁₀ O	1-Phenyl-3-hydroxy-1-butene.....	12.6	1.0363	1.56694	1.57305	1.58936	1.6034	(150)
C ₁₀ H ₁₀ O	Benzalacetone.....	45.9	1.0091	1.57466	1.58359	1.60999		(8)
C ₁₀ H ₁₀ O	Propenyl phenyl ketone.....	18.3	1.0298	1.55465	1.56091	1.57896	1.59544	(24)
C ₁₀ H ₁₀ O	β -Methylhydrindone.....	21.0	1.0653	1.54812	1.55338	1.56820	1.58139	(16)
C ₁₀ H ₁₀ O	α -Ketotetrahydronaphthalene.....	15.45	1.0989	1.56569	1.57118	1.58655	1.60032	(16)
C ₁₀ H ₁₀ OS	2-Ethoxythionaphthene.....	17.9	1.1591	1.59779	1.60495	1.62362	1.64098	(41)
C ₁₀ H ₁₀ O ₂	Benzoylacetone.....	77.8	1.0560	1.55845	1.56775	1.59597	1.62646	(56)
C ₁₀ H ₁₀ O ₂	Safrole.....	12	1.110	1.5369	1.5420	1.5557	1.5679	(128, † 132)
C ₁₀ H ₁₀ O ₂	Isosafrole.....	12	1.128	1.5693	1.5763	1.5963	1.6155	(128)
C ₁₀ H ₁₀ O ₂	2-Ethoxycoumarone.....	17.9	1.1061	1.54210	1.54773	1.56267	1.57619	(41)
C ₁₀ H ₁₀ O ₂	1-Methyl-6-methoxycoumarone.....	14.25	1.1252	1.55977	1.56616	1.58186	1.58638	(23)
C ₁₀ H ₁₀ O ₂	4-Methyl-2-methoxycoumarone.....	24.3	1.1074	1.54458	1.55036	1.56572	1.57971	(41)
C ₁₀ H ₁₀ O ₂	6-Methylchromanone.....	57.1	1.1246	1.54889	1.55529	1.57285	1.59138	(19)
C ₁₀ H ₁₀ O ₂	Methyl cinnamate.....	21.4	1.0881	1.56831	1.57661	1.59940	1.62155	(45, 107 †)
C ₁₀ H ₁₀ O ₂	Methyl allocinnamate.....	22.9	1.0761	1.54931	1.55616	1.57500	1.59262	(45, 107 †)

Formula	Name	$t, ^\circ\text{C}$	d_4^t	α	D	β	γ	Lit.
$\text{C}_{10}\text{H}_{10}\text{O}_2$	Phenylvinyl acetate.....	22.9	1.0658	1.54255	1.54944	1.56930	1.58344	(43)
$\text{C}_{10}\text{H}_{10}\text{O}_3$	Propiophenone- <i>o</i> -carboxylic acid.....	99.1	1.1402	1.51327	1.51767	1.52944		(49)
$\text{C}_{10}\text{H}_{10}\text{O}_3$	Ethyl benzoylformate.....	25.1	1.1222	1.51373	1.51904		1.54458	(105)
$\text{C}_{10}\text{H}_{10}\text{O}_3$	Ethyl phenylglyoxylate.....	13.35	1.1255	1.51516	1.52008	1.53432	1.54722	(18)
$\text{C}_{10}\text{H}_{10}\text{O}_3$	Methyl benzoylacetate.....	24.7	1.1524	1.53083	1.53654	1.55145	1.56551	(17,† 50)
$\text{C}_{10}\text{H}_{10}\text{O}_4$	Dimethyl phthalate.....	20.8	1.1911	1.51141	1.51546	1.52735	1.53763	(49)
$\text{C}_{10}\text{H}_{10}\text{O}_4$	Monoethyl phthalate.....	22.0	1.1877	1.50490	1.50875	1.52028		(49)
$\text{C}_{10}\text{H}_{11}\text{BrO}$	α -Bromo- <i>n</i> -butyrophenone.....	13.25	1.3724	1.55996	1.56520	1.58035	1.59378	(65)
$\text{C}_{10}\text{H}_{11}\text{BrO}$	α -Bromoisobutyrophenone.....	14.4	1.3613	1.55425	1.55923	1.57369	1.58617	(65)
$\text{C}_{10}\text{H}_{11}\text{ClO}_2$	<i>o</i> -Isobutyro- <i>p</i> -chlorophenol.....	16.4	1.1958	1.54737	1.55379*	1.57182	1.59052	(40)
$\text{C}_{10}\text{H}_{11}\text{Cl}_3$	5-Chloro-1, 3-dimethyl-4(β , β -dichloro-ethyl)-benzene.....	16.1	1.2622	1.54788	1.55278	1.56427	1.57091	(4)
$\text{C}_{10}\text{H}_{11}\text{Cl}_3$	5-Chloro-1, 3-dimethyl-1-d i e h l o r o-methyl-4-methene-2, 5-cyclohexadiene.....	17.3	1.2693	1.56255	1.56812	1.58230		(4)
$\text{C}_{10}\text{H}_{11}\text{NO}$	β -Methyl- μ -phenyloxazoline.....	22.9	1.0704	1.54065	1.54598		1.57247	(106)
$\text{C}_{10}\text{H}_{12}$	β -Butenylbenzene.....	21.0	0.9008	1.5269	1.5390	1.5545	1.5834	(132)
$\text{C}_{10}\text{H}_{12}$	α , β -Dimethylstyrene.....	19.7	0.9095	1.52930	1.53496	1.54895	1.56172	(43)
$\text{C}_{10}\text{H}_{12}$	β , β -Dimethylstyrene.....	19.6	0.8986	1.52185	1.52733	1.54105	1.55357	(43)
$\text{C}_{10}\text{H}_{12}$	β -Ethylstyrene.....	19.4	0.9097	1.53401	1.54019	1.55615	1.57083	(78)
$\text{C}_{10}\text{H}_{12}$	<i>p</i> -Methyl- α -methylstyrene.....	18.7	0.9022	1.52870	1.53447	1.54944	1.56306	(8)
$\text{C}_{10}\text{H}_{12}$	1, 2, 3, 4-Tetrahydronaphthalene.....	20.2	0.9729	1.54181	1.54614	1.55869	1.56914	(10, 145)
$\text{C}_{10}\text{H}_{12}\text{Cl}_2\text{O}_2$	<i>d</i> -Dehydrocamphoryl chloride.....	48.0	1.2189	1.50059	1.50433	1.51363	1.52171	(80)
$\text{C}_{10}\text{H}_{12}\text{N}_2$	Ethylethenyl- <i>o</i> -phenylenediamine.....	19.8	1.0726	1.57420	1.58023	1.59622	1.61054	(109)
$\text{C}_{10}\text{H}_{12}\text{N}_2$	1-Ethyl-3-methylindazole.....	16.6	1.0387	1.55806	1.56448*	1.58082	1.59657	(60)
$\text{C}_{10}\text{H}_{12}\text{N}_2$	1-Ethyl-5-methylindazole.....	16.1	1.0462	1.56359	1.56996*	1.58638	1.60180	(60)
$\text{C}_{10}\text{H}_{12}\text{N}_2$	2-Ethyl-3-methylindazole.....	16.6	1.0611	1.58084	1.58818*	1.60726	1.62593	(60)
$\text{C}_{10}\text{H}_{12}\text{N}_2$	2-Ethyl-5-methylindazole.....	15.8	1.0540	1.57535	1.58245*	1.60079	1.61840	(60)
$\text{C}_{10}\text{H}_{12}\text{N}_2$	1-Isopropylindazole.....	17.9	1.0387	1.55563	1.56184*	1.57729	1.59179	(60)
$\text{C}_{10}\text{H}_{12}\text{N}_2$	2-Isopropylindazole.....	15.4	1.0552	1.57515	1.58207*	1.60007	1.61712	(60)
$\text{C}_{10}\text{H}_{12}\text{N}_2$	1-Propylindazole.....	18.7	1.0405	1.55726	1.56350*	1.57919	1.59390	(60)
$\text{C}_{10}\text{H}_{12}\text{O}$	<i>asym.</i> -Aceto- <i>o</i> -xylene.....	15.5	1.0073	1.53558	1.54083	1.55578	1.56916	(89)
$\text{C}_{10}\text{H}_{12}\text{O}$	Aceto- <i>p</i> -xylene (2, 4-dimethylacetophenone).....	18.55	0.9962	1.52479	1.53005	1.54349	1.55550	(41)
$\text{C}_{10}\text{H}_{12}\text{O}$	<i>o</i> -Allylanisole.....	14.35	0.9775	1.52149	1.52684	1.53919	1.55029	(47)
$\text{C}_{10}\text{H}_{12}\text{O}$	<i>o</i> -Allyl- <i>o</i> -cresol.....	15.2	1.0041	1.53580	1.54059	1.55359	1.56485	(47)
$\text{C}_{10}\text{H}_{12}\text{O}$	<i>o</i> -Allyl- <i>p</i> -cresol.....	15.75	1.0058	1.53772	1.54245	1.55571	1.56724	(47)
$\text{C}_{10}\text{H}_{12}\text{O}$	<i>o</i> -Cresol allyl ether.....	15.4	0.9687	1.51439	1.51876	1.53111	1.54160	(47)
$\text{C}_{10}\text{H}_{12}\text{O}$	1', 5-Dimethyl-2-hydroxystyrene.....	18.2	1.0134	1.54635	1.55216	1.56638	1.57902	(14)
$\text{C}_{10}\text{H}_{12}\text{O}$	α -Ethoxystyrene.....	23.2	0.9673	1.52233	1.52775	1.54198	1.55480	(5)
$\text{C}_{10}\text{H}_{12}\text{O}$	β -Ethoxystyrene.....	21.2	0.9716	1.54346	1.55023	1.56838	1.58530	(5)
$\text{C}_{10}\text{H}_{12}\text{O}$	1'-Methyl-2-methoxystyrene.....	14.85	0.9882	1.53074	1.53575	1.55005	1.56252	(14)
$\text{C}_{10}\text{H}_{12}\text{O}$	1'-Methyl-3-methoxystyrene.....	11.8	0.9985	1.54020	1.54574	1.56124	1.57504	(14)
$\text{C}_{10}\text{H}_{12}\text{O}$	<i>o</i> -Propenyl- <i>p</i> -cresol.....	9.0	1.0291	1.57101	1.57768	1.59639	1.61410	(14)
$\text{C}_{10}\text{H}_{12}\text{O}$	<i>o</i> -Propenylphenylmethyl ether.....	15	0.9962	1.55318	1.55968	1.57766	1.59423	(14)
$\text{C}_{10}\text{H}_{12}\text{O}$	3, 4-Dimethylacetophenone.....	15.0	1.0085	1.53563	1.54128	1.55603	1.56944	(8)
$\text{C}_{10}\text{H}_{12}\text{O}$	Isopropyl phenyl ketone.....	16.6	0.9865	1.51445	1.51919	1.53172	1.54286	(8†, 43)
$\text{C}_{10}\text{H}_{12}\text{O}$	<i>p</i> -Propiotoluene.....	20.75	0.9899	1.52184	1.52714	1.54072	1.55289	(41)
$\text{C}_{10}\text{H}_{12}\text{O}$	<i>n</i> -Propyl phenyl ketone.....	18.25	0.9899	1.51581	1.52016	1.53298	1.54402	(16)
$\text{C}_{10}\text{H}_{12}\text{O}$	Anethole.....	11.5	0.999	1.5558	1.5624	1.5813	1.5988	(128, 156)
$\text{C}_{10}\text{H}_{12}\text{O}$	1, 4-Dimethylcoumarane.....	13.7	1.0145	1.52331	1.52792	1.54044	1.55162	(16)
$\text{C}_{10}\text{H}_{12}\text{O}$	1, 6-Dimethylcoumarane.....	13.8	1.0148	1.52509	1.52967	1.54211	1.55293	(16)
$\text{C}_{10}\text{H}_{12}\text{O}$	4, 6-Dimethylcoumarane.....	18.9	1.0261	1.53069	1.53579	1.54830	1.55968	(16)
$\text{C}_{10}\text{H}_{12}\text{O}$	Methylchavicol.....	11.5	0.979	1.5199	1.5244	1.5371	1.5476	(128)
$\text{C}_{10}\text{H}_{12}\text{O}$	5-Methylchromane.....	14.3	1.0374	1.53692	1.54205	1.55437	1.56547	(16)
$\text{C}_{10}\text{H}_{12}\text{O}_2$	<i>m</i> -Aceto- <i>p</i> -methoxytoluene (2-methoxy-5-methylacetophenone).....	13.8	1.0693	1.53229	1.53769	1.55336	1.56802	(41)
$\text{C}_{10}\text{H}_{12}\text{O}_2$	<i>o</i> -Allylguaiacol.....	12.75	1.0724	1.53778	1.54259	1.55592	1.56734	(47)
$\text{C}_{10}\text{H}_{12}\text{O}_2$	Chavibetol.....	16	1.065	1.5349	1.5397	1.5527	1.5644	(128)
$\text{C}_{10}\text{H}_{12}\text{O}_2$	Guaiacyl allyl ether.....	12.75	1.0604	1.53203	1.53671	1.54987	1.56122	(47)
$\text{C}_{10}\text{H}_{12}\text{O}_2$	Eugenol.....	14.5	1.072	1.5385	1.5439	1.5574	1.5692	(128)
$\text{C}_{10}\text{H}_{12}\text{O}_2$	Isoeugenol.....	18	1.09	1.5617	1.5680	1.5868		(128)
$\text{C}_{10}\text{H}_{12}\text{O}_2$	<i>o</i> -Propio- <i>p</i> -cresol.....	13.8	1.0843	1.54211	1.54852	1.56760	1.58693	(41)
$\text{C}_{10}\text{H}_{12}\text{O}_2$	Ethyl phenylacetate.....	18.5	1.0348	1.49530	1.49921		1.51718	(105)
$\text{C}_{10}\text{H}_{12}\text{O}_2$	Ethyl <i>o</i> -toluate.....	21.6	1.0324	1.50229	1.50699	1.51849	1.52884	(41)

Formula	Name	<i>t</i> , °C	<i>d</i> ₄ ²⁰	<i>α</i> _D ²⁰	<i>D</i> _D ²⁰	<i>β</i> _D ²⁰	<i>γ</i> _D ²⁰	Lit.
C ₁₀ H ₁₂ O ₂	Ethyl <i>m</i> -toluate.....	21.6	1.0261	1.50042	1.50502	1.51670	1.52718	(41)
C ₁₀ H ₁₂ O ₂	Ethyl <i>p</i> -toluate.....	18.2	1.0269	1.50418	1.50888	1.52106	1.53183	(8)
C ₁₀ H ₁₂ O ₃	Ethyl <i>o</i> -methoxybenzoate.....	14.55	1.1156	1.51913	1.52379	1.53694	1.54856	(41)
C ₁₀ H ₁₂ O ₃	Ethyl <i>m</i> -methoxybenzoate.....	16.4	1.1032	1.51195	1.51697	1.52955	1.54111	(41)
C ₁₀ H ₁₂ O ₃	Ethyl <i>p</i> -methoxybenzoate.....	14.3	1.1091	1.52183	1.52739	1.54143	1.55436	(41)
C ₁₀ H ₁₃ Cl ₃ O ₂	<i>d</i> -Chlorocamphoryl chloride.....	31.3	1.3221	1.50497	1.50797	1.51512	1.52133	(80)
C ₁₀ H ₁₃ N	<i>γ</i> -Methyltetrahydroquinoline.....	23.1	1.0191	1.57354	1.58015	1.59789	1.61213	(109)
C ₁₀ H ₁₃ N	<i>N</i> -Methyltetrahydroquinoline.....	17.3	1.0236	1.57620	1.58268	1.60057		(25)
C ₁₀ H ₁₃ N	<i>ar</i> -Tetrahydro- <i>α</i> -naphthylamine.....	23.1	1.0542	1.58385	1.58964		1.61805	(106)
C ₁₀ H ₁₃ N	<i>ac</i> -Tetrahydro- <i>β</i> -naphthylamine.....	22.2	1.0295	1.55570	1.56039		1.58354	(106)
C ₁₀ H ₁₄	Cymene.....	23.8	0.8527	1.47925	1.48303	1.49222	1.50017	(98,† 134, 145, 148, 162)
C ₁₀ H ₁₄	<i>p</i> -Diethylbenzene.....	16.2	0.8679	1.49499	1.49897	1.50993	1.51924	(20)
C ₁₀ H ₁₄	1, 1-Dimethyl-4-ethene-2, 5-cyclohexadiene.....	15.15	0.8614	1.51072	1.51572	1.53015	1.54300	(89)
C ₁₀ H ₁₄	<i>asym</i> -Ethyl- <i>o</i> -xylene.....	15.05	0.8776	1.50103	1.50489	1.51606	1.52531	(89)
C ₁₀ H ₁₄	Hexahydronaphthalene.....	18.4	0.9581	1.52879	1.53311	1.54397	1.55340	(155, 156)
C ₁₀ H ₁₄	Isobutylbenzene.....	14.5	0.87163	1.4916	1.4957	1.5056	1.5141	(148)
C ₁₀ H ₁₄	<i>o</i> -Methylisopropylbenzene.....	16.15	0.8789	1.49826	1.50206	1.51290	1.52185	(20)
C ₁₀ H ₁₄	<i>m</i> -Methylisopropylbenzene.....	17.05	0.8628	1.49016	1.49385	1.50452	1.51336	(20)
C ₁₀ H ₁₄	<i>p</i> -Methylisopropylbenzene.....	15.0	0.8631	1.49105	1.49474	1.50537	1.51449	(20)
C ₁₀ H ₁₄	<i>o</i> -Methylpropylbenzene.....	15.75	0.8770	1.49765	1.50139	1.51218	1.52125	(20)
C ₁₀ H ₁₄	<i>m</i> -Methylpropylbenzene.....	17.0	0.8648	1.49262	1.49640	1.50738	1.51646	(20,† 61)
C ₁₀ H ₁₄	<i>p</i> -Methylpropylbenzene.....	18.8	0.8620	1.49278	1.49655	1.50765	1.51687	(20, 61†)
C ₁₀ H ₁₄	1, 2, 3, 4-Tetramethylbenzene.....	16.0	0.9044	1.51621	1.52031	1.53192	1.54189	(20)
C ₁₀ H ₁₄	1, 1, 2-Trimethyl-4-methene-2, 5-cyclohexadiene.....	10.7	0.8735	1.51331	1.51813	1.53213	1.54435	(89)
C ₁₀ H ₁₄ Cl ₂ O	1-Ethyl-4-methyl-4-dichloromethyl-1-cyclohexen-3-one.....	17	1.1953	1.51908	1.52331	1.53285	1.54166	(52)
C ₁₀ H ₁₄ Cl ₂ O	1-Ethyl-4-methyl-4-dichloromethyl-5-cyclohexen-3-one.....	17.4	1.1671	1.49967	1.50292	1.51067	1.51723	(52)
C ₁₀ H ₁₄ Cl ₂ O	1, 4, 5-Trimethyl-1-dichloromethyl-3-cyclohexen-2-one.....	19.8	1.1971	1.52013	1.52392	1.53417	1.54298	(88)
C ₁₀ H ₁₄ Cl ₂ O ₂	<i>d</i> - <i>cis</i> -Camphoryl chloride.....	19.9	1.2449	1.49846	1.50133	1.50842	1.51443	(80)
C ₁₀ H ₁₄ Cl ₂ O ₂	<i>l</i> - <i>trans</i> -Camphoryl chloride.....	20.7	1.2269	1.49593	1.49880	1.50606	1.51206	(80)
C ₁₀ H ₁₄ N ₂	Nicotine.....	22.4	1.0121	1.51980	1.52392		1.54387	(106)
C ₁₀ H ₁₄ N ₂	Metan nicotine.....	19.7	1.0017	1.54906	1.55509	1.57059	1.58475	(106)
C ₁₀ H ₁₄ N ₂ O	2-Acetyl-5-methyltetrahydroindazole.....	17.9	1.0807	1.51796	1.52228*	1.53290	1.54247	(60)
C ₁₀ H ₁₄ N ₂ O ₂	Ethyl 1-allyl-3-methylpyrazole-5-carboxylate.....	16.0	1.0495	1.48654	1.49081*	1.50116	1.51096	(38)
C ₁₀ H ₁₄ N ₂ O ₂	Ethyl 1-allyl-5-methylpyrazole-3-carboxylate.....	15.9	1.0803	1.49947	1.50362*	1.51376	1.52350	(38)
C ₁₀ H ₁₄ O	<i>p</i> -Tolyl dimethyl carbinol.....	13.5	0.9844	1.51831	1.52215	1.53353	1.54298	(145)
C ₁₀ H ₁₄ O	<i>asym</i> -Ethoxy- <i>m</i> -xylene.....	13.95	0.9487	1.50297	1.50692	1.51874	1.52872	(16)
C ₁₀ H ₁₄ O	<i>vic</i> -Ethoxy- <i>m</i> -xylene.....	13.9	0.9420	1.49337	1.49694	1.50780	1.51666	(16)
C ₁₀ H ₁₄ O	Hemimellitenyl methyl ether.....	22.9	0.9739	1.51846	1.52272	1.53470	1.54520	(47)
C ₁₀ H ₁₄ O	Mesityl methyl ether.....	14.4	0.9531	1.50161	1.50553	1.51672	1.52615	(16, 47†)
C ₁₀ H ₁₄ O	Pseudocumenyl methyl ether.....	13.9	0.9690	1.51777	1.52203	1.53433	1.54455	(47)
C ₁₀ H ₁₄ O	<i>asym</i> - <i>o</i> -Xylenyl ethyl ether.....	14.95	0.9545	1.50770	1.51194	1.52363	1.53330	(47)
C ₁₀ H ₁₄ O	<i>vic</i> - <i>o</i> -Xylenyl ethyl ether.....	15.9	0.9559	1.50790	1.51187	1.52361	1.53342	(47)
C ₁₀ H ₁₄ O	<i>asym</i> - <i>m</i> -Xylenyl ethyl ether.....	13.95	0.9487	1.50297	1.50692	1.51874	1.52872	(16,† 47)
C ₁₀ H ₁₄ O	<i>sym</i> - <i>m</i> -Xylenyl ethyl ether.....	15.2	0.9437	1.50305	1.50705	1.51862	1.52814	(47)
C ₁₀ H ₁₄ O	<i>vic</i> - <i>m</i> -Xylenyl ethyl ether.....	13.9	0.9420	1.49337	1.49694	1.50780	1.51666	(16,† 47)
C ₁₀ H ₁₄ O	<i>p</i> -Xylenyl ethyl ether.....	12.65	0.9451	1.50288	1.50699	1.51867	1.52827	(47)
C ₁₀ H ₁₄ O	Carvaerol.....	18.6	0.9774	1.52009	1.52450	1.53581	1.54550	(47, 110†)
C ₁₀ H ₁₄ O	Thymol.....	24.4	0.9689	1.51453	1.51893	1.53012	1.53998	(156, 161)
C ₁₀ H ₁₄ O	Carvone.....	18.7	0.9611	1.49554	1.49935	1.50908	1.51780	(43)
C ₁₀ H ₁₄ O	<i>d</i> -Carvone.....	18.2	0.9626	1.49614	1.49994	1.50978	1.51824	(110)
C ₁₀ H ₁₄ O	Eucarvone.....	21.2	0.9840	1.50339	1.50872	1.52341	1.53794	(16)
C ₁₀ H ₁₄ O ₂	1-Methyl-4-ethyl-1, 3-cyclohexadiene-3-carboxylic acid.....	14.8	1.0284	1.49496	1.49887	1.50831	1.51684	(54)
C ₁₀ H ₁₄ O ₂	Methyl 1, 4-dimethyl-1, 3-cyclohexadiene-2-carboxylate.....	16.8	0.9976	1.47338	1.47681	1.48544	1.49300	(45)

Formula	Name	$t, ^\circ\text{C}$	d_4^t	α	D	β	γ	Lit.
$\text{C}_{10}\text{H}_{14}\text{O}_2$	Methyl 3, 6-dimethyl-2, 6-cyclohexadienecarboxylate.....	18	0.9965	1.47358	1.47643	1.48458	1.49173	(51)
$\text{C}_{10}\text{H}_{14}\text{O}_4$	Diethyl muconate.....	99.1	0.9829	1.46178	1.46755*	1.48259	1.49695	(27)
$\text{C}_{10}\text{H}_{15}\text{N}$	Diethylaniline.....	22.3	0.9325	1.53509	1.54105		1.57077	(106,† 145)
$\text{C}_{10}\text{H}_{15}\text{NO}$	1-Propyl-1-cyano-cyclohexan-2-one.....	20.1	0.9968	1.46459	1.46721*	1.47320	1.47836	(39)
$\text{C}_{10}\text{H}_{15}\text{NO}_2$	Ethyl α -cyano- Δ^1 -isoheptenate.....	19.7	0.9666	1.45198	1.45502	1.46340	1.47037	(58)
$\text{C}_{10}\text{H}_{15}\text{NO}_3$	Amyl α -aceto-cyanoacetate.....	20	1.0328	1.4639	1.4676	1.4772	1.4857	(138)
$\text{C}_{10}\text{H}_{15}\text{NO}_4$	Diethyl ethylecyanomalonate.....	20	1.0521	1.4245	1.4267	1.4319	1.4363	(138)
$\text{C}_{10}\text{H}_{16}$	2, 6-Dimethyl-3, 5, 7-octatriene.....	15.6	0.8119	1.54403	1.54558	1.57682	1.60086	(45)
$\text{C}_{10}\text{H}_{16}$	<i>d</i> -Limonene.....	14.7	0.8468	1.47172	1.47489	1.48277	1.49062	(78,† 120, 125)
$\text{C}_{10}\text{H}_{16}$	<i>l</i> -Limonene.....	20.5	0.8407	1.47157	1.47468	1.48256	1.48924	(120)
$\text{C}_{10}\text{H}_{16}$	1-Methyl-4-isopropyl-1, 3-cyclohexadiene.....	19.4	0.8361	1.47359	1.47810	1.48837	1.49795	(52)
$\text{C}_{10}\text{H}_{16}$	Myrcene.....	15.8	0.8082	1.46684		1.48061	1.48923	(43)
$\text{C}_{10}\text{H}_{16}$	<i>d</i> - α -Pinene.....	18.05	0.8594	1.46354	1.46634	1.47322	1.47925	(78)
$\text{C}_{10}\text{H}_{16}$	<i>l</i> - α -Pinene.....	16.25	0.8621	1.46517	1.46803	1.47509	1.48098	(78)
$\text{C}_{10}\text{H}_{16}$	<i>l</i> -Pinene.....	23.5	0.8570	1.46252	1.46526	1.47202	1.47779	(98)
$\text{C}_{10}\text{H}_{16}$	Sabinene.....	17.0	0.8422	1.46428	1.46738	1.47514	1.48196	(78)
$\text{C}_{10}\text{H}_{16}$	Sylvestrene.....	17.2	0.8486	1.47380	1.47717	1.48505	1.49245	(78,† 125)
$\text{C}_{10}\text{H}_{16}$	Sebacyl chloride.....	18.3		1.46570	1.46836	1.47503		(80)
$\text{C}_{10}\text{H}_{16}\text{Cl}_2\text{O}_2$	1-Ethyl-5-methyltetrahydroindazole.....	21.4	0.9837	1.49761	1.50103*	1.50940	1.51637	(60)
$\text{C}_{10}\text{H}_{16}\text{N}_2$	2-Ethyl-5-methyltetrahydroindazole.....	19.8	0.9866	1.49678	1.50009*	1.50818	1.51513	(60)
$\text{C}_{10}\text{H}_{16}\text{N}_2$	2-Ethyl-7-methyltetrahydroindazole.....	14.4	0.9954	1.50660	1.51011*	1.51854	1.52566	(60)
$\text{C}_{10}\text{H}_{16}\text{N}_2$	<i>d</i> -Carone.....	18.8	0.9577	1.47597	1.47877	1.48560	1.49122	(110)
$\text{C}_{10}\text{H}_{16}\text{O}$	Carvenone.....	16.7	0.9300	1.48028	1.48463	1.49304	1.50134	(43,† 44, 110)
$\text{C}_{10}\text{H}_{16}\text{O}$	Carvotanacetone.....	20	0.9351	1.47730	1.48056	1.48887	1.49606	(43,† 110)
$\text{C}_{10}\text{H}_{16}\text{O}$	Dihydrocarvone.....	17.5	0.9273	1.46884	1.47175	1.47870	1.48449	(110)
$\text{C}_{10}\text{H}_{16}\text{O}$	Dihydroeucarvone.....	18.9	0.9232	1.46455	1.46737	1.47406	1.47965	(110)
$\text{C}_{10}\text{H}_{16}\text{O}$	Fenchone.....	14.5	0.9488	1.46232		1.47076	1.47571	(130)
$\text{C}_{10}\text{H}_{16}\text{O}$	Pulegone.....	18.3	0.9371	1.48328	1.48705	1.49623	1.50437	(43)
$\text{C}_{10}\text{H}_{16}\text{O}$	Tanacetone.....	17.6	0.9182	1.44986	1.45220	1.45808	1.46279	(110)
$\text{C}_{10}\text{H}_{16}\text{O}$	1, 1, 2, 4-Tetramethyl-2, 5-cyclohexadien-4-ol.....	10.1	0.9332	1.48376	1.48685	1.49502	1.50176	(89)
$\text{C}_{10}\text{H}_{16}\text{O}_2$	1, 3-Dimethyl-4-cyclohexene-5-acetic acid.....	20.3	0.9945	1.47428	1.47731	1.48449	1.49068	(76, 84)
$\text{C}_{10}\text{H}_{16}\text{O}_2$	Geranic acid.....	20.2	0.9518	1.48284	1.48695	1.49758	1.50690	(44)
$\text{C}_{10}\text{H}_{16}\text{O}_2$	Ethyl cyclohexene-1-acetate.....	16.2	0.9892	1.46422	1.46906	1.47414	1.48017	(46)
$\text{C}_{10}\text{H}_{16}\text{O}_2$	Ethyl cyclohexylideneacetate.....	16.9	0.9825	1.47721	1.48083	1.48963	1.49737	(46)
$\text{C}_{10}\text{H}_{16}\text{O}_2$	Ethyl diallylacetate.....	19.1	0.8976	1.43354	1.43638	1.44312	1.44888	(71)
$\text{C}_{10}\text{H}_{16}\text{O}_2$	Methyl 3-methylcyclohexeneacetate.....	15.7	0.9692	1.45524	1.45822		1.47071	(46)
$\text{C}_{10}\text{H}_{16}\text{O}_2$	Methyl 4-methylcyclohexeneacetate.....	16.9	0.9614	1.45132	1.45402	1.46149	1.46648	(46)
$\text{C}_{10}\text{H}_{16}\text{O}_2$	Methyl 2-methylcyclohexylideneacetate.....	14.2	0.9767	1.47681	1.48072	1.48991	1.49802	(46)
$\text{C}_{10}\text{H}_{16}\text{O}_2$	Methyl 3-methylcyclohexylideneacetate.....	15.5	0.9752	1.47534	1.47926	1.48845	1.49668	(46)
$\text{C}_{10}\text{H}_{16}\text{O}_2$	Methyl 4-methylcyclohexylideneacetate.....	16.9	0.9702	1.47200	1.47583	1.48506	1.49329	(46)
$\text{C}_{10}\text{H}_{16}\text{O}_2$	Methyl isolauroylate.....	17.3	0.97207	1.46634	1.46970	1.47795	1.48517	(43)
$\text{C}_{10}\text{H}_{16}\text{O}_2$	Methyl 1-4-dimethyl-3-cyclohexene-3-carboxylate.....	19	0.9708	1.45656	1.45922	1.46585	1.47142	(54)
$\text{C}_{10}\text{H}_{16}\text{O}_2$	Ethyl amylopropionate.....	11.5	0.9207	1.44842	1.45142	1.4583	1.4644	(150)
$\text{C}_{10}\text{H}_{16}\text{O}_2$	Methyl hexylpropionate.....	12.5	0.9238	1.44915	1.45182	1.4588	1.4647	(150)
$\text{C}_{10}\text{H}_{16}\text{O}_2$	Methyl α -cyclohexenepropionate.....	18.3	0.9864	1.46373	1.46648	1.47321	1.47885	(46)
$\text{C}_{10}\text{H}_{16}\text{O}_2$	Ethyl β , δ -dimethylsorbate.....	18.5	0.9343	1.48301	1.48823*	1.50175	1.51447	(27)
$\text{C}_{10}\text{H}_{16}\text{O}_2$	Ethyl α -ethylsorbate.....	15.3	0.9345	1.49076	1.49653	1.51162	1.52605	(27)
$\text{C}_{10}\text{H}_{16}\text{O}_2$	Ethyl Δ^1 -tetrahydro- <i>m</i> -toluate.....	18.45	0.9758	1.46413	1.46748*	1.47473	1.48126	(26)
$\text{C}_{10}\text{H}_{16}\text{O}_2$	Diethyl <i>cis</i> - β -methylglutaconate.....	21.2	1.0332	1.44858	1.45161*	1.45918	1.46562	(73)
$\text{C}_{10}\text{H}_{16}\text{O}_4$	Diethyl <i>trans</i> - β -methylglutaconate.....	21.2	1.0330	1.44828	1.45147*	1.45883	1.46538	(73)
$\text{C}_{10}\text{H}_{16}\text{O}_4$	Diethyl isopropylidenemalonate.....	17.0	1.0284	1.44562	1.44857	1.45602	1.46233	(45)
$\text{C}_{10}\text{H}_{16}\text{O}_4$	Dipropyl fumarate.....	20	1.0220	1.44133	1.44347	1.45148	1.45771	(45,† 144)
$\text{C}_{10}\text{H}_{16}\text{O}_4$	Dipropyl maleate.....	20	1.0290	1.44092	1.44372	1.45053	1.45630	(45,† 144)
$\text{C}_{10}\text{H}_{16}\text{O}_4$	Diethyl ethoxymethylenemalonate.....	15.3	1.0811	1.45966	1.46307	1.47235	1.48060	(17)
$\text{C}_{10}\text{H}_{16}\text{O}_5$	Diethyl propionylmalonate.....	16.4	1.0791	1.44102	1.44358	1.45095	1.45701	(34,† 56)
$\text{C}_{10}\text{H}_{16}\text{O}_5$	Ethyl α -methyl- β -hydroxycarboethoxy- α , β -crotonate.....	17.6	1.0799	1.43829	1.44091		1.45308	(43, 105†)
$\text{C}_{10}\text{H}_{16}\text{O}_6$	Triethyl methanetricarboxylate.....	16.15	1.1084	1.42558	1.42748	1.43313	1.43762	(35)
$\text{C}_{10}\text{H}_{17}\text{N}$	1-Cyano-2-methyl-5-isopropylcyclopentane.....	16.2	0.8814	1.44751		1.45538	1.45994	(130)

Formula	Name	<i>t</i> , °C	<i>d</i> ₄ ²⁵	<i>n</i> _D ²⁵	D	β	γ	Lit.
C ₁₁ H ₁₇ NO	α-Fencholamide.....	117.9	0.9331	1.46216		1.47226	1.47833	(130)
C ₁₁ H ₁₇ NO ₂	Acetyl tropein.....	15.4	1.0627	1.47456	1.47687	1.48321		(25)
C ₁₁ H ₁₇ NO ₃	Methyl <i>l</i> -ecgoninate.....	20.5	1.1468	1.48474	1.48765			(25)
C ₁₁ H ₁₈	Decahydronaphthalene.....	18.0	0.8952	1.47789	1.48035	1.48638	1.49154	(10)
C ₁₁ H ₁₈	Menthene.....	20.4	0.8060	1.44562	1.44813	1.45484	1.46026	(98)
C ₁₁ H ₁₈	1, 2, 4, 5-Tetramethyl-4-cyclohexene.....	16.5	0.8199	1.45617	1.45880	1.46597	1.47192	(21)
C ₁₁ H ₁₈ O	Diallylpropyl carbinol.....	21.1	0.8645	1.45394	1.45677	1.46378	1.46945	(141)
C ₁₁ H ₁₈ O	Diisovaleric aldehyde.....	17.4	0.8542	1.44327		1.45463	1.46162	(43)
C ₁₁ H ₁₈ O	Δ ^{4,8} -Menthen-1-ol.....	80	0.8948	1.46277		1.47297	1.47904	(130)
C ₁₁ H ₁₈ O	Δ ^{8,9} -Menthen-1-ol.....	79.8	0.8703	1.44612		1.45526	1.46059	(130)
C ₁₁ H ₁₈ O	1, 1, 4, 4-Tetramethylcyclohexan-2-one.....	14.3	0.8931	1.44635	1.44849	1.45452	1.45957	(68)
C ₁₁ H ₁₈ O ₂	1, 3-Dimethylcyclohexanyl 5-acetate.....	20.2	0.9277	1.43526	1.43758	1.44312	1.44771	(55)
C ₁₁ H ₁₈ O ₃	Ethyl diethylacetoacetate.....	17.2	0.9707	1.43031	1.43266	1.43806	1.44269	(6,† 9, 105)
C ₁₁ H ₁₈ O ₃	Methyl β-amyl-β-methoxyacrylate.....	23.1	0.9610	1.45157	1.45494	1.46328	1.47076	(17)
C ₁₁ H ₁₈ O ₄	Diethyl <i>asym.</i> -dimethylsuccinate.....	14.0	0.9988	1.42194	1.42406*	1.42925	1.43343	(73)
C ₁₁ H ₁₈ O ₄	Diethyl <i>fum.-sym.</i> -dimethylsuccinate.....	14.9	1.000	1.42157	1.42377*	1.42887	1.43312	(73)
C ₁₁ H ₁₈ O ₄	Diethyl <i>mal.-sym.</i> -dimethylsuccinate.....	14.3	1.0015	1.42355	1.42568*	1.43084	1.43515	(73)
C ₁₁ H ₁₈ O ₄	Diethyl methylethylmalonate.....	18.2	0.9970	1.41696	1.41896	1.42417	1.42837	(9)
C ₁₁ H ₁₉ Cl	1, 2, 4, 5-Tetramethylcyclohexyl 4-chloride.....	13.95	0.9406	1.46288	1.46515	1.47150	1.47655	(21)
C ₁₁ H ₁₉ N	Camphylamine.....	17.8	0.8736	1.46992	1.47284		1.48555	(106)
C ₁₁ H ₁₉ NO	1-Methyl-3-isopropylcyclopentane-1-carboxamide.....	108.2	0.9072	1.44683		1.45543	1.46042	(130)
C ₁₁ H ₂₀	Decene.....	17	0.7721	1.4357	1.4385	1.4447	1.4500	(148,† 155, 156)
C ₁₁ H ₂₀	1, 2, 4, 5-Tetramethylcyclohexane.....	13.1	0.7910	1.43517	1.43718	1.44307	1.44772	(21)
C ₁₁ H ₂₀ O	2, 6-Dimethyl-2-octen-6-ol.....	15.9	0.8576	1.45275	1.45552	1.46216	1.46737	(71)
C ₁₁ H ₂₀ O	Allyldipropyl carbinol.....	19.0	0.8446	1.44201	1.44452	1.45070	1.45575	(141)
C ₁₁ H ₂₀ O	1, 1, 4, 4-Tetramethylcyclohexan-2-ol.....	30.2	0.8935	1.45471	1.45714	1.46295	1.46777	(68)
C ₁₁ H ₂₀ O	1, 2, 4, 5-Tetramethylcyclohexan-4-ol.....	18.1	0.8983	1.45738	1.45945	1.46543	1.47021	(21)
C ₁₁ H ₂₀ O ₂	Isoamyl isovalerate.....	19.0	0.85840	1.41095	1.41311	1.41814	1.42335	(125)
C ₁₁ H ₂₁ Br	<i>n</i> -Decyl bromide.....	20	1.0683	1.45251	1.45504	1.46116	1.46636	(163)
C ₁₁ H ₂₁ Cl	<i>n</i> -Decyl chloride.....	20	0.8696	1.43573	1.43799	1.44346	1.44794	(163)
C ₁₁ H ₂₁ I	<i>n</i> -Decyl iodide.....	20	1.2564	1.48269	1.48589	1.49377	1.50051	(163)
C ₁₁ H ₂₁ N	Isoamyl isoamylideneamine.....	18.9	0.7724	1.42325	1.42576	1.43177	1.43676	(109)
C ₁₁ H ₂₂	Decane.....	14.9	0.7278	1.4088	1.4108	1.4160	1.4200	(148)
C ₁₁ H ₂₂	Diisoamyl.....	23.2	0.7214	1.40502	1.40702	1.41215	1.41651	(131)
C ₁₁ H ₂₂ O	<i>n</i> -Decyl alcohol.....	20	0.8300	1.43503	1.43719	1.44247	1.44688	(163)
C ₁₁ H ₂₂ S	Isoamyl sulfide.....	20	0.84314	1.44966	1.45238	1.45889	1.46447	(153, 154)
C ₁₁ H ₂₃ N	Diisoamylamine.....	21.1	0.7672	1.42059	1.42289		1.43317	(106)
C ₁₁ H ₁₆ O	α-Naphthaldehyde.....	19.3	1.1490	1.64404	1.65464	1.68490	1.71624	(145)
C ₁₁ H ₁₀	1-Methylnaphthalene.....	99.2	0.9656	1.57353	1.58077	1.60159	1.62067	(48)
C ₁₁ H ₁₀	2-Methylnaphthalene.....	39.9	0.9939	1.59499	1.60263	1.62395	1.64284	(48)
C ₁₁ H ₁₀ O	Methyl-α-naphthol.....	13.9	1.0964	1.61474	1.62322	1.64597	1.66763	(155, 156)
C ₁₁ H ₁₀ O ₂	δ-Phenyl-Δ ⁴ -angelolactone.....	14.9	1.1537	1.56004	1.56580*	1.58011	1.59295	(28)
C ₁₁ H ₁₀ O ₂	δ-Phenyl-Δ ² -angelolactone.....	15.7	1.1173	1.52622	1.53055*	1.54129		(28)
C ₁₁ H ₁₀ O ₂	Ethyl phenylpropiolate.....	13	1.0632	1.5500	1.5566	1.5738	1.5897	(150)
C ₁₁ H ₁₀ O ₂ S	Ethyl thionaphthene-2-carboxylate.....	55.4	1.1720	1.58370	1.59178*	1.61332	1.63375	(59)
C ₁₁ H ₁₀ O ₃	Ethyl coumarilate.....	32.2	1.1618	1.55453	1.56194	1.58119	1.60020	(41)
C ₁₁ H ₁₁ ClN ₂	1-Benzyl-3-methyl-4-chloropyrazole.....	14.2	1.1621	1.55323	1.55818*	1.57043		(38)
C ₁₁ H ₁₁ ClN ₂	1-Benzyl-5-methyl-4-chloropyrazole.....	14.2	1.1847	1.55752	1.56254	1.57476	1.58531	(38)
C ₁₁ H ₁₁ ClO ₂	Ethyl <i>o</i> -chlorocinnamate.....	21.1	1.1683	1.55782	1.56447	1.58439	1.60310	(47)
C ₁₁ H ₁₂	1-Phenyl-1, 3-pentadiene.....	13	0.9384	1.60167	1.61114	1.64065	1.67038	(45,† 142)
C ₁₁ H ₁₂ N ₂	1-Allyl-5-methylindazole.....	12.2	1.0549	1.57276	1.57932*	1.59620	1.61199	(60)
C ₁₁ H ₁₂ N ₂	2-Allyl-5-methylindazole.....	16.6	1.0528	1.58373	1.59100	1.60987	1.62824	(60)
C ₁₁ H ₁₂ N ₂	1-Benzyl-3-methylpyrazole.....	14.2	1.0541	1.55147	1.55643*	1.56872	1.57938	(60)
C ₁₁ H ₁₂ N ₂	1-Phenyl-2, 4-dimethylpyrazole.....	19.3	1.0573	1.56801	1.57384	1.58961	1.60360	(106)
C ₁₁ H ₁₂ N ₂	1-Phenyl-3, 4-dimethylpyrazole.....	19.8	1.0606	1.58023	1.58739*	1.60613	1.62376	(60)
C ₁₁ H ₁₂ N ₂	1-Phenyl-3, 5-dimethylpyrazole.....	16.6	1.0586	1.56897	1.57503*	1.59047	1.60435	(60)
C ₁₁ H ₁₂ N ₂	1-Phenyl-4, 5-dimethylpyrazole.....	18.1	1.0665	1.56933	1.57539*	1.59066	1.60437	(60)
C ₁₁ H ₁₂ N ₂ O	2- <i>n</i> -Butyrylindazole (stable).....	33.5	1.1090	1.55242	1.55854	1.57460	1.58971	(33)
C ₁₁ H ₁₂ N ₂ O	2-Isobutyrylindazole (stable).....	12.8	1.1136	1.55902	1.56534*	1.58140	1.59652	(33)
C ₁₁ H ₁₂ O	α-Benzalmethyl ethyl ketone.....	50.3	0.9875	1.55991	1.56838	1.59237		(8)
C ₁₁ H ₁₂ O	γ-Benzalmethyl ethyl ketone.....	45.3	1.0018	1.56143	1.56907	1.59084		(8)

Formula	Name	t_f , °C	d_4^{25}	α	D	β	γ	Lit.
$C_{11}H_{12}O$	1-Keto-7-methyl-1, 2, 3, 4-tetrahydro-naphthalene.....	35.0	1.0569	1.55168	1.55674	1.57160	1.58479	(145,† 146)
$C_{11}H_{12}O$	<i>ac.</i> -2-Methyl-1-ketotetrahydronaphthalene.....	20.9	1.0600	1.54669	1.55154	1.56542	1.57764	(146)
$C_{11}H_{12}O$	2, 2-Dimethyl- α -chromene.....	14.4	1.0183	1.54744	1.55372	1.57018	1.58565	(23)
$C_{11}H_{12}O$	4, 6-Dimethyl- α -chromene.....	19.9	1.0420	1.55610	1.56231	1.57851	1.59374	(23)
$C_{11}H_{12}O$	β , β -Dimethyl- α -hydrindone.....	13.9	1.0313	1.53587	1.54078	1.55470	1.56714	(16)
$C_{11}H_{12}O$	3, 3-Dimethyl-1-hydrindone.....	14.25	1.0320	1.54026	1.54525	1.55936	1.57182	(24)
$C_{11}H_{12}O$	1-Phenyl-3-hydroxy-1-pentine.....	13	1.0138	1.55764	1.56333	1.57861	1.59206	(150)
$C_{11}H_{12}O$	1, 2, 4-Trimethylcoumarone.....	14	1.0267	1.54685	1.55332	1.56865	1.58330	(23)
$C_{11}H_{12}O_2$	<i>p</i> -Crotonylanisole.....	11.7	1.0906	1.57861	1.58723*	1.61003	1.63306	(30)
$C_{11}H_{12}O_2$	α -Methyl- β -acetoxystyrene.....	15.2	1.0574	1.53680	1.54278	1.55801	1.57204	(14)
$C_{11}H_{12}O_2$	1'-Methyl-2-acetoxystyrene.....	13.5	1.0481	1.51327	1.51754	1.52983	1.54030	(14)
$C_{11}H_{12}O_2$	1'-Methyl-3-acetoxystyrene.....	14.1	1.0612	1.52765	1.53252	1.54651	1.55872	(14)
$C_{11}H_{12}O_2$	4-Methyl-2-ethoxycoumarone.....	16.6	1.0826	1.53846	1.54395	1.55856	1.57184	(41)
$C_{11}H_{12}O_2$	1, 4-Dimethyl-2-methoxycoumarone.....	19.0	1.0806	1.53828	1.54403	1.56052	1.57635	(72)
$C_{11}H_{12}O_2$	Methyl- <i>o</i> -coumariketone methyl ether.....	61.4	1.0534	1.57525	1.58591	1.61640		(14)
$C_{11}H_{12}O_2$	Benzoylacetone <i>O</i> -methyl ether.....	16	1.0679	1.55296	1.55981	1.57810	1.59624	(17)
$C_{11}H_{12}O_2$	2, 5-Dimethyl-7-hydroxyhydrindone.....	13.6	1.1293	1.56311	1.56966*	1.58663	1.60329	(30)
$C_{11}H_{12}O_2$	2-Methyl-6-methoxyhydrindone.....	16.9	1.1188	1.55310	1.55884	1.57529		(37)
$C_{11}H_{12}O_2$	1, 1, 4-Trimethylcoumaranone.....	19.3	1.0730	1.53433	1.54040	1.55877	1.57776	(11, 19)†
$C_{11}H_{12}O_2$	1, 3, 5-Trimethylcoumaranone.....	19.2	1.0987	1.55106	1.55739	1.57622	1.59485	(19)
$C_{11}H_{12}O_2$	2, 2, 7-Trimethylcoumaranone.....	100.6	1.0010	1.50063	1.50668*	1.52279	1.54003	(40)
$C_{11}H_{12}O_2$	Propionylacetophenone.....	20.0	1.0774	1.57455	1.58400	1.61197	1.64247	(56)
$C_{11}H_{12}O_2$	Methylbenzoylacetone.....	20	1.0798	1.53275	1.53834	1.55336	1.56744	(17,† 56)
$C_{11}H_{12}O_2$	Ethyl atropate.....	16.1	1.0508	1.52151	1.52605	1.53871	1.54996	(45)
$C_{11}H_{12}O_2$	Ethyl allocinnamate.....	22.05	1.0465	1.53769	1.54416	1.56140	1.57743	(45, 79, 107)†
$C_{11}H_{12}O_2$	<i>trans</i> -Ethyl cinnamate.....	20	1.0490	1.55216	1.55982	1.58043	1.60053	(14, 45, 95, 107)†
$C_{11}H_{12}O_2$	Methyl β -methylcinnamate.....	37.8	1.0544	1.54435	1.55045	1.56883	1.58592	(14)
$C_{11}H_{12}O_2$	Methyl allo- β -methylcinnamate.....	38.1	1.0373	1.52274	1.52755	1.54200	1.55457	(14)
$C_{11}H_{12}O_2$	Methyl <i>p</i> -methylcinnamate.....	56.6	1.0273	1.54983	1.55807	1.58130(?)		(14)
$C_{11}H_{12}O_3$	Ethyl hydrocoumarilate.....	13.9	1.1542	1.52103	1.52502	1.53617	1.54577	(16)
$C_{11}H_{12}O_3$	1, 4-Dimethyl-1-methoxycoumaranone.....	22.6	1.1299	1.53188	1.53827	1.55672	1.57577	(12)
$C_{11}H_{12}O_3$	1-Methyl-4-methoxycoumarone methyl ether.....	17.4	1.1470	1.54711	1.55313	1.57057	1.58791	(72)
$C_{11}H_{12}O_3$	Methyl <i>p</i> -cresyl diketone methyl ether.....	16.0	1.1193	1.53188	1.53780	1.55554		(18)
$C_{11}H_{12}O_3$	α -Ethyl- α -methoxyphthalide.....	20.35	1.1323	1.51533	1.51986	1.53104	1.54104	(49)
$C_{11}H_{12}O_3$	α -Acetoxypropiophenone.....	19.7	1.1126	1.51120	1.51533	1.52729		(15)
$C_{11}H_{12}O_3$	Ethyl benzoylacetate.....	16	1.1185	1.52560	1.53115	1.54587	1.55980	(17,† 56)
$C_{11}H_{12}O_3$	Methyl <i>o</i> -methoxycinnamate.....	16.7	1.1368	1.57609	1.58535	1.61182	1.64016	(14)
$C_{11}H_{12}O_3$	Methyl β -methoxycinnamate.....	24.7	1.1179	1.54337	1.54971	1.56637	1.58186	(14)
$C_{11}H_{12}O_3$	Methyl propiophenone- <i>o</i> -carboxylate.....	15.2	1.1288	1.51936	1.52396	1.53577	1.54594	(49)
$C_{11}H_{12}O_3$	Methyl β -phenylmethylglycidate.....	19.9	1.1230	1.50913	1.51319	1.52342	1.53246	(16)
$C_{11}H_{13}BrO_2$	<i>o</i> -(α -Bromoisobutyro)- <i>p</i> -cresol.....	22.3	1.3669	1.56400	1.57141	1.59245	1.61218	(11)
$C_{11}H_{13}Cl$	4-Methyl- α -ethyl- β -chlorostyrene.....	19.85	1.0362	1.53639	1.54177	1.55548	1.56777	(13)
$C_{11}H_{14}$	<i>ar.</i> -2-Methyltetrahydronaphthalene.....	15.1	0.9541	1.53316	1.53719	1.54907	1.55897	(146)
$C_{11}H_{14}$	1-Phenyl-2-pentene.....	16.2	0.8884	1.50444	1.50890	1.51986	1.52958	(78)
$C_{11}H_{14}$	α , α , β -Trimethylstyrene.....	19.8	0.8970	1.51494	1.51997	1.53217	1.54311	(43)
$C_{11}H_{14}Cl_2$	1-Dichloro-2- <i>p</i> -tolylbutane.....	19.8	1.1117	1.52404	1.52827	1.53900	1.54787	(13)
$C_{11}H_{14}Cl_2$	1, 2, 3-Trimethyl-5-(β , β -dichloroethyl)-benzene.....	21.8	1.1424	1.53900	1.54310	1.55494		(89)
$C_{11}H_{14}N_2$	1- <i>n</i> -Butylindazole.....	17.2	1.0215	1.54889	1.55466*	1.56943	1.58663	(60)
$C_{11}H_{14}N_2$	2- <i>n</i> -Butylindazole.....	17.1	1.0274	1.55743	1.56358*	1.57944	1.59688	(60)
$C_{11}H_{14}N_2$	2, 3-Diethylindazole.....	19.1	1.0395	1.57254	1.57952*	1.59762	1.61596	(60)
$C_{11}H_{14}O$	α - <i>p</i> -Butenylanisole.....	19	0.9797	1.5426	1.5559	1.5733	1.6096	(132)
$C_{11}H_{14}O$	Ethylchavicol.....	12.2	0.961	1.5133	1.5179	1.5299	1.5400	(128)
$C_{11}H_{14}O$	Isobutyl phenyl ketone.....	15.3	0.9710	1.50917	1.51385	1.52574	1.53611	(8)
$C_{11}H_{14}O$	<i>tert.</i> -Butyl phenyl ketone.....	19.2	0.9678	1.50427	1.50857	1.51971	1.52964	(8)
$C_{11}H_{14}O$	2, 4, 5-Trimethylacetophenone.....	14.9	1.0037	1.53572	1.54111	1.55525	1.56815	(8)
$C_{11}H_{14}O$	<i>p</i> -Isobutyrotoluene.....	21.2	0.9682	1.51366	1.51873	1.53167	1.54352	(41)
$C_{11}H_{14}O$	3-Isopropenyl-4-methoxytoluene.....	17.6	0.9661	1.52567	1.53083	1.54450	1.55686	(14)
$C_{11}H_{14}O$	<i>o</i> -Propenyl- <i>p</i> -methoxytoluene.....	12.25	0.9856	1.54948	1.55573	1.57349	1.59021	(14)
$C_{11}H_{14}O$	2', 2', 5-Trimethyl-2-hydroxystyrene.....	21.5	0.9912	1.54430	1.55013	1.56502	1.57869	(14)

Formula	Name	<i>t</i> , °C	<i>d</i> ₄ ²⁵	<i>α</i> _D ²⁵	D	β	γ	Lit.
C ₁₁ H ₁₄ O	<i>sym.-m</i> -Xylenyl allyl ether.....	11.6	0.9548	1.51297	1.51793	1.52942	1.54006	(47)
C ₁₁ H ₁₄ O	<i>asym.-</i> Propionyl- <i>o</i> -xylene.....	15.1	0.8749	1.49925	1.50294	1.51375	1.52277	(89)
C ₁₁ H ₁₄ O ₂	<i>m</i> -Propio- <i>p</i> -methoxytoluene.....	18.9	1.0484	1.52638	1.53179	1.54650	1.56045	(41)
C ₁₁ H ₁₄ O ₂	<i>o</i> -Isobutyro- <i>o</i> -cresol.....	20.4	1.0468	1.53019	1.53663*	1.55395	1.57256	(40)
C ₁₁ H ₁₄ O ₂	<i>o</i> -Isobutyro- <i>m</i> -cresol.....	13.3	1.0485	1.53656	1.54308*	1.56091	1.57931	(30)
C ₁₁ H ₁₄ O ₂	<i>o</i> -Isobutyro- <i>p</i> -cresol.....	21.3	1.0425	1.52912	1.53550	1.55364	1.57256	(41)
C ₁₁ H ₁₄ O ₂	<i>p</i> -Isobutyroanisole.....	16.6	1.0498	1.53328	1.53925	1.55489	1.56926	(41)
C ₁₁ H ₁₄ O ₂	<i>o</i> -Isobutyro- <i>asym.-m</i> -xyleneol.....	14	1.0334	1.52910	1.53555*	1.55321	1.57189	(40)
C ₁₁ H ₁₄ O ₂	Methyleugenol.....	11	1.041	1.5328	1.5373	1.5511	1.5631	(128)
C ₁₁ H ₁₄ O ₂	Methylisoeugenol.....	11.5	1.064	1.5649	1.5720	1.5911	1.6096	(128)
C ₁₁ H ₁₄ O ₂	<i>o</i> -Tolyl isobutyrate.....	16.6	1.0036	1.48874	1.49262*	1.50222	1.51040	(40)
C ₁₁ H ₁₄ O ₂	Ethyl hydrocinnamate.....	20	1.0147	1.49150	1.49542	1.50476	1.51277	(92)
C ₁₁ H ₁₄ O ₃	<i>o</i> -(<i>α</i> -Hydroxyisobutyro)- <i>p</i> -cresol.....	54.0	1.0943	1.52824	1.53470	1.55342	1.57053	(11)
C ₁₁ H ₁₄ O ₃	<i>o</i> -(<i>α</i> -Hydroxypropionyl)- <i>p</i> -methoxytoluene.....	19.2	1.0994	1.52158	1.52630	1.53963		(72)
C ₁₁ H ₁₄ O ₃	Ethyl <i>o</i> -toloxyacetate.....	12.9	1.0848	1.50249	1.50608	1.51669	1.52554	(16)
C ₁₁ H ₁₄ O ₃	Methyl <i>o</i> -methoxyhydrocinnamate.....	18.4	1.0954	1.50848	1.51260	1.52320	1.53246	(16)
C ₁₁ H ₁₄ O ₄	<i>α</i> -Hydroxypropionylhydroquinol dimethyl ether.....	13.4	1.1486	1.53031	1.53527	1.54999		(72)
C ₁₁ H ₁₄ O ₆	Diethyl succinylmalonate.....	73.0	1.1675	1.46923	1.47245	1.48170	1.48952	(36)
C ₁₁ H ₁₆	<i>p</i> -tert.-Butyltoluene.....	13.25	0.8667	1.49118	1.49465	1.50513	1.51400	(13)
C ₁₁ H ₁₆	1, 1-Dimethylpropene-2, 5-cyclohexadiene.....	15.2	0.8618	1.50189	1.50633	1.51925	1.53040	(89)
C ₁₁ H ₁₆	<i>sym.-</i> Ethylpseudocumene.....	12.05	0.8938	1.51078	1.51474	1.52580	1.53481	(89)
C ₁₁ H ₁₆	2-Methylcymene.....	15.5	0.8740	1.49601	1.50001	1.51030	1.51913	(143)
C ₁₁ H ₁₆	2-Methylmenthatriene.....	15	0.8776	1.49803	1.50217	1.51260	1.52188	(143)
C ₁₁ H ₁₆	Pentamethylbenzene.....	72.8	0.8786	1.50104	1.50489	1.51609		(89)
C ₁₁ H ₁₆	<i>asym.-</i> Propyl- <i>o</i> -xylene.....	12.7	0.8719	1.49504	1.49881	1.50920	1.51784	(89)
C ₁₁ H ₁₆	1, 1, 3-Trimethyl-4-ethene-2, 5-cyclohexadiene.....	12.7	0.8844	1.51470	1.51931	1.53230	1.54371	(89)
C ₁₁ H ₁₆	1, 2, 5-Trimethyl-4-ethylbenzene.....	15.75	0.8867	1.50654	1.51047	1.52163	1.53112	(20)
C ₁₁ H ₁₆	1, 3, 5-Trimethyl-2-ethylbenzene.....	16.35	0.8885	1.50875	1.51274	1.52416	1.53376	(20)
C ₁₁ H ₁₆	1, 1, 2, 6-Tetramethyl-4-methene-2, 5-cyclohexadiene.....	23.2	0.8766	1.50884	1.51350	1.52660	1.53830	(89)
C ₁₁ H ₁₆	1, 1, 3, 6-Tetramethyl-4-methene-2, 5-cyclohexadiene.....	15.2	0.8809	1.51235	1.51687	1.53006	1.54172	(89)
C ₁₁ H ₁₆ Cl ₂ O	1-Isopropyl-4-methyl-4-dichloromethyl-1-cyclohexen-3-one.....	15.8	1.1654	1.51343	1.51769	1.52677	1.53540	(52)
C ₁₁ H ₁₆ Cl ₂ O	1-Isopropyl-4-methyl-4-dichloromethyl-5-cyclohexen-3-one.....	16.8	1.1421	1.49798	1.50142	1.50877	1.51532	(52)
C ₁₁ H ₁₆ O	Carvacrol methyl ether.....	23	0.9385	1.50126	1.50518	1.51603	1.52566	(47)
C ₁₀ H ₁₆ O	Citral.....	17	0.8897	1.48506	1.48945	1.50073	1.51081	(44)
C ₁₀ H ₁₆ O	Cyclocitral.....	13.3	0.9566	1.49341	1.49707	1.50689	1.51575	(44)
C ₁₁ H ₁₆ O	<i>o</i> -Ethyl- <i>sym.-m</i> -xylenyl methyl ether.....	12.8	0.9624	1.51322	1.51811	1.52949	1.53968	(47)
C ₁₁ H ₁₆ O	Hemimellitanyl ethyl ether.....	22.8	0.9541	1.51054	1.51461	1.52608	1.53586	(47)
C ₁₁ H ₁₆ O	Mesityl ethyl ether.....	13.2	0.9364	1.49489	1.49859	1.50930	1.51834	(47)
C ₁₁ H ₁₆ O	Pseudocumenyl ethyl ether.....	14.95	0.9460	1.50705	1.51097	1.52247	1.53224	(47)
C ₁₁ H ₁₆ O	Thymol methyl ether.....	28	0.9332	1.49817	1.50240	1.50902	1.51322	(162)
C ₁₁ H ₁₆ O ₂	Ethyl 1-methylcyclohexene-1-methene-3-carboxylate.....	17.3		1.52646	1.53312	1.55148	1.56940	(45)
C ₁₁ H ₁₆ O ₄	Diethyl crotonylidenemalonate.....	16.7	1.0483	1.47803	1.48291*	1.49570		(27)
C ₁₁ H ₁₆ O ₄	Diethyl isoprenedicarboxylate.....	17.0	1.0586	1.49515	1.50081*	1.51560	1.52985	(27)
C ₁₁ H ₁₆ O ₆	Diethyl acetylmalonate <i>O</i> -acetate.....	14.95	1.1161	1.44877	1.45145	1.45925	1.46581	(34)
C ₁₁ H ₁₆ O ₆	Diethyl diacetylmalonate.....	17.0	0.9712	1.43037	1.43257		1.44255	(34, 105)
C ₁₁ H ₁₆ O ₇	Triethyl oxalylmalonate.....	16.1	1.1599	1.44666	1.44955	1.45742	1.46432	(35)
C ₁₁ H ₁₆ O ₃	Dimethyldiethyl methanetetra-carboxylate.....	17.2	1.1828	1.43098	1.43327	1.43891	1.44350	(35)
C ₁₁ H ₁₇ NO ₂	Ethyl tropidine-2-carboxylate.....	11.7	1.0721	1.49615	1.49930	1.50768	1.51462	(25)
C ₁₁ H ₁₇ NO ₃	Ethyl tropinone-2-carboxylate.....	20.8	1.1207	1.49225	1.49537	1.50432		(25)
C ₁₁ H ₁₇ NO ₄	Diethyl propylcyanomalonate.....	20	1.0332	1.4269	1.4291	1.4343	1.4388	(138)
C ₁₁ H ₁₈ O ₂	Diosphenol methyl ether.....	19.2	0.988	1.48405	1.48783*	1.49744	1.50601	(32)
C ₁₁ H ₁₈ O ₂	Ethyl <i>α</i> -cyclohexenepropionate.....	17.5	0.9683	1.46204	1.46459	1.47149	1.47683	(46)
C ₁₁ H ₁₈ O ₂	Ethyl isolauroolate.....	17.2	0.95339	1.46307	1.46624	1.47429	1.48127	(43)
C ₁₁ H ₁₈ O ₂	Ethyl hexylpropiolate.....	11.6	0.9154	1.44965	1.45227	1.4593	1.4648	(150)

Formula	Name	$t, ^\circ\text{C}$	d_4^t	α	D	β	γ	Lit.
$\text{C}_{11}\text{H}_{18}\text{O}_2$	Ethyl 2-methylcyclohexylidene-1-acetate	14.8	0.9587	1.47524	1.47906	1.48816	1.49639	(46)
$\text{C}_{11}\text{H}_{18}\text{O}_2$	Ethyl 3-methylcyclohexylidene-1-acetate	15.0	0.9571	1.47347	1.47730	1.48622	1.49464	(46)
$\text{C}_{11}\text{H}_{18}\text{O}_2$	Ethyl 4-methylcyclohexylidene-1-acetate	17.0	0.9943	1.47013	1.47378	1.48311	1.49133	(46)
$\text{C}_{11}\text{H}_{18}\text{O}_2$	Ethyl 2-methylcyclohexene-1-acetate...	18.4	0.9476	1.45125	1.45393		1.46639	(46)
$\text{C}_{11}\text{H}_{18}\text{O}_2$	Ethyl 3-methylcyclohexene-1-acetate...	15.2	0.9506	1.45325	1.45592	1.46236	1.46844	(46)
$\text{C}_{11}\text{H}_{18}\text{O}_2$	Methyl 1, 3-dimethylcyclohexylidene-5-acetate.....	15.0	0.9569	1.47252	1.47628	1.48477	1.49251	(84)
$\text{C}_{11}\text{H}_{18}\text{O}_2$	Hydroxymethylenementhone.....	15.5	1.0010	1.49556	1.49997	1.51268	1.52496	(17,† 56)
$\text{C}_{11}\text{H}_{18}\text{O}_2$	Methyl geranate.....	19.1	0.9220	1.46770	1.47143	1.48106	1.48929	(44)
$\text{C}_{11}\text{H}_{18}\text{O}_4$	Diethyl <i>cis</i> - α , β -dimethylglutaconate...	20.3	1.0241	1.45039	1.45347*	1.46086	1.46731	(73)
$\text{C}_{11}\text{H}_{18}\text{O}_4$	Diethyl <i>trans</i> - α , β -dimethylglutaconate...	19.3	1.0320	1.45079	1.45382*	1.46126	1.46771	(73)
$\text{C}_{11}\text{H}_{18}\text{O}_5$	Diethyl acetylenylmalonate.....	19.25	1.0542	1.43185	1.43382	1.43971	1.44440	(34,† 105)
$\text{C}_{11}\text{H}_{18}\text{O}_5$	Diethyl <i>n</i> -butyrylmalonate.....	22	1.0530	1.44113	1.44421	1.45132	1.45765	(56)
$\text{C}_{11}\text{H}_{18}\text{O}_5$	Diethyl isobutyrylmalonate.....	19.0	1.0514	1.43801	1.44079	1.44786	1.45395	(56)
$\text{C}_{11}\text{H}_{18}\text{O}_5$	Ethyl α -ethyl- β -hydroxycarbethoxy- α , β -crotonate.....	18	1.0579	1.44127	1.44396		1.45621	(43,† 105)
$\text{C}_{11}\text{H}_{19}\text{NO}$	Camphoroxime methyl ether.....	22.5	0.9578	1.47665	1.47949	1.48639	1.49216	(106)
$\text{C}_{11}\text{H}_{19}\text{NO}_2$	Propionyltropein.....	19.6	1.0399	1.47208	1.47434	1.48069	1.48591	(25)
$\text{C}_{11}\text{H}_{19}\text{NO}_2$	Ethyl tropane-2-carboxylate.....	20.5	1.0408	1.47272	1.47562	1.48197	1.48719	(25)
$\text{C}_{11}\text{H}_{20}\text{O}$	Bornyl methyl ether.....	23.4	0.9135	1.45992	1.46237	1.46838	1.47329	(97)
$\text{C}_{11}\text{H}_{20}\text{O}$	2, 6-Dimethyl-2, 8-nonadien-6-ol.....	16.6	0.8661	1.46154	1.46469	1.47208	1.47850	(71)
$\text{C}_{11}\text{H}_{20}\text{O}$	5-Ethyl-1, 8-nonadien-5-ol.....	20.7	0.8660	1.45945	1.46231	1.46942	1.47537	(71)
$\text{C}_{11}\text{H}_{20}\text{O}_2$	Ethyl α , β -nonenate.....	19	0.8901	1.43972	1.44263*	1.44946	1.45544	(69)
$\text{C}_{11}\text{H}_{20}\text{O}_4$	Diethyl diethylmalonate.....	16.6	0.9880	1.42308	1.42516	1.43044	1.43492	(9)
$\text{C}_{11}\text{H}_{20}\text{O}_4$	Diethyl <i>fum.-sym.</i> -dimethylglutarate...	15.9	0.9807	1.42185	1.42402*	1.42912	1.43346	(73)
$\text{C}_{11}\text{H}_{20}\text{O}_4$	Diethyl <i>mal.-sym.</i> -dimethylglutarate...	17.0	0.9824	1.42195	1.42419	1.42917	1.43342	(73)
$\text{C}_{11}\text{H}_{20}\text{O}_4$	Diethyl trimethylsuccinate.....	16.7	0.9956	1.42659	1.42891*	1.43402	1.43840	(73)
$\text{C}_{11}\text{H}_{21}\text{N}$	<i>N</i> -Methylcamphidine.....	19.0	0.9011	1.47378	1.47625	1.48308	1.48869	(25)
$\text{C}_{11}\text{H}_{22}\text{N}_2$	Diisoamylecyanamide.....	23.7	0.8461	1.43691	1.43915		1.44938	(106)
$\text{C}_{11}\text{H}_{22}\text{O}$	Methyl nonyl ketone.....	17.3	0.8295	1.42765	1.43002	1.43539	1.44099	(125)
$\text{C}_{11}\text{H}_{22}\text{O}_2$	<i>n</i> -Decyl formate.....	20	0.8732	1.42484	1.42707	1.43217	1.43648	(163)
$\text{C}_{11}\text{H}_{24}\text{O}$	Methyl <i>n</i> -decyl ether.....	20	0.7973	1.41952	1.42177	1.42696	1.43126	(163)
$\text{C}_{12}\text{H}_{18}\text{O}$	Diphenylene oxide.....	99.3	1.0886	1.59964	1.60794	1.63272	1.65367	(48)
$\text{C}_{12}\text{H}_{10}$	Acenaphthene.....	99.2	1.0242	1.59877	1.60658	1.62838		(48)
$\text{C}_{12}\text{H}_{10}$	Diphenyl.....	77.1	0.9896	1.58112	1.58822	1.60760	1.62538	(48)
$\text{C}_{12}\text{H}_{10}\text{O}$	4-Methyl-1-naphthaldehyde.....	38.2	1.1252	1.63548	1.64567	1.67575	1.70698	(145)
$\text{C}_{12}\text{H}_{10}\text{O}$	Methyl α -naphthyl ketone.....	21.5	1.1171	1.61926	1.62796	1.65273	1.67686	(145)
$\text{C}_{12}\text{H}_{10}\text{O}_2$	4-Methoxy-1-naphthaldehyde.....	43.7	1.1829	1.64151	1.65299	1.68748		(48)
$\text{C}_{12}\text{H}_{12}$	1, 2-Dimethylnaphthalene.....	16.35	1.0219	1.61014	1.61795	1.63945	1.65976	(48)
$\text{C}_{12}\text{H}_{12}$	1, 4-Dimethylnaphthalene.....	16.3	1.0049	1.60119	1.60886	1.63021	1.64958	(48)
$\text{C}_{12}\text{H}_{12}$	Isobutylenephénylacetylene.....	13	0.9301	1.57675	1.58281	1.6046	1.61954	(150)
$\text{C}_{12}\text{H}_{12}\text{N}_2\text{O}$	2-Allylacetylindazole (stable).....	22.6	1.1172	1.56427	1.57070*	1.58716	1.60470	(33)
$\text{C}_{12}\text{H}_{12}\text{O}$	α -Ethoxynaphthalene.....	15.7	1.0643	1.59600	1.60351	1.62501	1.64508	(48,† 161)
$\text{C}_{12}\text{H}_{12}\text{O}$	β -Ethoxynaphthalene.....	47.3	1.0413	1.58602	1.59324	1.61409	1.63312	(48,† 161)
$\text{C}_{12}\text{H}_{12}\text{O}_2$	Ethyl indene- β -carboxylate.....	73.9	1.0544	1.54126	1.54809	1.56773		(16)
$\text{C}_{12}\text{H}_{12}\text{O}_3$	1, 4-Dimethyl-2-acetoxycoumarone.....	15.7	1.1361	1.53580	1.54080	1.55571	1.56884	(23)
$\text{C}_{12}\text{H}_{12}\text{O}_3$	Ethyl 2-methylcoumarilate.....	56.6	1.1164	1.54133	1.54817	1.56657	1.58330	(41)
$\text{C}_{12}\text{H}_{12}\text{O}_3$	Ethyl 5-methylcoumarilate.....	43.9	1.1187	1.54821	1.55575	1.57565	1.59513	(41)
$\text{C}_{12}\text{H}_{12}\text{O}_4$	Ethyl benzoylformylacetate.....	24.9	1.1400	1.52561	1.53134	1.54631	1.55981	(105)
$\text{C}_{12}\text{H}_{12}\text{O}_4$	Ethyl 2-methoxycoumarilate.....	70	1.1595	1.54280	1.54987	1.59611		(41)
$\text{C}_{12}\text{H}_{12}\text{O}_4$	Ethyl 1-methylcoumaran-2-one-1-carboxylate.....	16.7	1.1919	1.53316	1.53902	1.55541	1.57176	(19)
$\text{C}_{12}\text{H}_{12}\text{S}$	α -(α -Methylbenzyl)-thiophene.....	12.1	1.0908	1.58392	1.58969*	1.60416	1.61692	(59)
$\text{C}_{12}\text{H}_{13}\text{ClO}_2$	Ethyl β -chloro- α (<i>p</i> -tolyl)-acrylate.....	19.7	1.1363	1.53053	1.53579	1.54962	1.56029	(3)
$\text{C}_{12}\text{H}_{13}\text{N}$	Dimethyl- α -naphthylamine.....	10.8	1.04694	1.61787	1.62609	1.65158	1.67629	(161)
$\text{C}_{12}\text{H}_{13}\text{N}$	Dimethyl- β -naphthylamine.....	53.2		1.63291	1.64432	1.67682	1.71289	(161)
$\text{C}_{12}\text{H}_{13}\text{N}$	α -Ethylaminonaphthalene.....	15.1	1.0652	1.63758	1.64773	1.67799	1.71062	(145)
$\text{C}_{12}\text{H}_{13}\text{N}$	β -Ethylaminonaphthalene.....	21.3	1.0545	1.64389	1.65440	1.68469	1.71642	(145)
$\text{C}_{12}\text{H}_{14}$	1-Phenyl-1-cyclohexene.....	14.2	0.9905	1.56612	1.57157	1.58679	1.60026	(83)
$\text{C}_{12}\text{H}_{14}$	1-Phenyl-1, 3-hexadiene.....	12	0.9253	1.59164	1.60252	1.62999	1.65874	(45,† 142)
$\text{C}_{12}\text{H}_{14}\text{Cl}_2\text{O}_2$	Ethyl 1-methyl-1-dichloromethyl-2, 5-cyclohexadiene-4-methenecarboxylate..	22.1	1.2150	1.56171	1.56911	1.58984		(3)
$\text{C}_{12}\text{H}_{14}\text{Cl}_2\text{O}_2$	Ethyl β , β -dichloro- α (<i>p</i> -tolyl)-propionate	18.7	1.2017	1.51729	1.52137	1.53173	1.54070	(3)
$\text{C}_{12}\text{H}_{14}\text{N}_2$	1-Benzyl-3, 5-dimethylpyrazole.....	15.0	1.0383	1.54628	1.55113*	1.56292	1.57312	(60)

Formula	Name	<i>t</i> , °C	<i>d</i> ₄ ²⁵	α	D	β	γ	Lit.
C ₁₂ H ₁₄ N ₂	1-Phenyl-3, 4, 5-trimethylpyrazole.....	18.7	1.0453	1.56543	1.57152*	1.53685	1.60080	(60)
C ₁₂ H ₁₄ N ₂ O	2-Isovalerylindazole (stable).....	16.3	1.0879	1.54870	1.55466*	1.57012	1.58451	(33)
C ₁₂ H ₁₄ N ₂ O ₂	Ethyl 1-ethylindazole-3-carboxylate.....	17.3	1.1431	1.55924	1.56587*	1.58318	1.59991	(29)
C ₁₂ H ₁₄ N ₂ O ₂	Ethyl 2-ethylindazole-3-carboxylate.....	22.8	1.1289	1.56355	1.57123*	1.59221	1.61255	(29)
C ₁₂ H ₁₄ O	<i>o</i> , <i>o</i> -Diallylphenol.....	15.4	0.9918	1.53676	1.54163	1.55480	1.56579	(47)
C ₁₂ H ₁₄ O	α -Benzalmethyl propyl ketone.....	17.5	0.9978	1.56235	1.57046	1.59316	1.61594	(8)
C ₁₂ H ₁₄ O	α -Benzalmethyl isopropyl ketone.....	24.6	0.9858	1.55870	1.56693	1.59000	1.61338	(8)
C ₁₂ H ₁₄ O	5, 7-Dimethyl-1-ketotetrahydronaphthalene.....	15.5	1.0654	1.55986	1.56496	1.57971	1.59284	(146)
C ₁₂ H ₁₄ O	7-Ethyl-1-ketotetrahydronaphthalene.....	17.2	1.0556	1.55478	1.55988	1.57454	1.58752	(146)
C ₁₂ H ₁₄ O	<i>o</i> -Allylphenyl allyl ether.....	15.0	0.9676	1.52188	1.52634	1.53900	1.54981	(47)
C ₁₂ H ₁₄ O	1, 4-Dimethyl-2-ethylcoumarone.....	11.4	1.0108	1.54187	1.54715	1.56233	1.57583	(23)
C ₁₂ H ₁₄ O	2, 4, 6-Trimethyl- α -chromene.....	14.25	1.0172	1.54841	1.55389	1.56984	1.58443	(23)
C ₁₂ H ₁₄ O	3, 4, 6-Trimethyl- α -chromene.....	15.2	1.0336	1.55407	1.55968	1.57565		(23)
C ₁₂ H ₁₄ O ₂	Butyrylacetophenone.....	21.0	1.0478	1.56208	1.57075	1.59629	1.62394	(56)
C ₁₂ H ₁₄ O ₂	Diethylphthalide.....	61.6	1.0403	1.50385	1.50872	1.51905		(49)
C ₁₂ H ₁₄ O ₂	1, 4-Dimethyl-1-ethylcoumaranone.....	19.6	1.0559	1.53023	1.53604	1.55356	1.57169	(19)
C ₁₂ H ₁₄ O ₂	1-Ethyl-3, 5-dimethylcoumaranone.....	20.5	1.0667	1.53689	1.54240	1.55907	1.57403	(66)
C ₁₂ H ₁₄ O ₂	1-Isopropyl-4-methylcoumaranone.....	13.8	1.0707	1.53692	1.54286	1.56046	1.57857	(19)
C ₁₂ H ₁₄ O ₂	5-Methyl-2- <i>n</i> -propylcoumaranone.....	16.8	1.0675	1.53967	1.54589	1.56268	1.58066	(85)
C ₁₂ H ₁₄ O ₂	1, 1, 3, 5-Tetramethylcoumaranone.....	18.2	1.0620	1.53765	1.54359	1.56110	1.57820	(66)
C ₁₂ H ₁₄ O ₂	Ethyl α -methylcinnamate.....	20.6	1.0321	1.54074	1.54753	1.56500	1.58162	(45)
C ₁₂ H ₁₄ O ₂	Ethyl β -methylcinnamate.....	16.6	1.0392	1.53930	1.54558	1.56165	1.57654	(14, 45†)
C ₁₂ H ₁₄ O ₂	Ethyl <i>o</i> -methylcinnamate.....	16.3	1.0428	1.54852	1.55552	1.57593	1.59533(?)	(14)
C ₁₂ H ₁₄ O ₂	Ethyl <i>p</i> -methylcinnamate.....	15.9	1.0340	1.55503	1.56302	1.58531	1.60748	(8, † 14)
C ₁₂ H ₁₄ O ₂	Methyl α , <i>p</i> -dimethylcinnamate.....	18.3	1.0507	1.55635	1.56400	1.58432	1.60362	(14)
C ₁₂ H ₁₄ O ₂	Methyl β , <i>p</i> -dimethylcinnamate.....	60.2	1.0144	1.53389	1.54084	1.55926		(14)
C ₁₂ H ₁₄ O ₃	5-Methyl-2-methoxybenzoylacetone.....	17.9	1.1196	1.57582	1.58562	1.61562		(66)
C ₁₂ H ₁₄ O ₃	1, 4-Dimethyl-1-ethoxycoumaranone.....	14.05	1.1030	1.52654	1.53217	1.54976	1.56849	(12, 19†)
C ₁₂ H ₁₄ O ₃	Methyl <i>p</i> -tolylidiketone ethyl ether.....	65.0	1.0524	1.50733	1.51270	1.52888		(18)
C ₁₂ H ₁₄ O ₃	Ethyl β -phenylmethylglycidate.....	16.7	1.0936	1.50197	1.50603	1.51569		(16)
C ₁₂ H ₁₄ O ₃	Ethyl 1-methylcoumarane-4-carboxylate.....	14.3	1.1179	1.53045	1.53626	1.55037	1.56357	(16)
C ₁₂ H ₁₄ O ₃	Ethyl <i>p</i> -methoxycinnamate.....	59.2	1.0664	1.55317	1.56193	1.58829		(14)
C ₁₂ H ₁₄ O ₃	Methyl allo- β -methyl- <i>o</i> -methoxycinnamate.....	17.0	1.0978	1.53346	1.53897	1.55282	1.56547	(14)
C ₁₂ H ₁₄ O ₃	Methyl α -methyl- <i>o</i> -methoxycinnamate.....	15.2	1.1261	1.56466	1.57207	1.59347		(14)
C ₁₂ H ₁₄ O ₃	Methyl β -methyl- <i>o</i> -methoxycinnamate.....	16.65	1.1037	1.54267	1.54881	1.56490	1.57991	(14)
C ₁₂ H ₁₄ O ₄	Apiol.....	14	1.176	1.5330	1.5380	1.5510	1.5619	(128)
C ₁₂ H ₁₄ O ₄	Isapiol.....	12	1.197	1.5639	1.5703	1.5892	1.6062	(128)
C ₁₂ H ₁₄ O ₄	Diethyl phthalate.....	17.7	1.1203	1.49890	1.50293	1.51356	1.52284	(80, † 104, 145)
C ₁₂ H ₁₄ O ₄	Diethyl isophthalate.....	17.5	1.1232	1.50361	1.50815	1.51938		(80)
C ₁₂ H ₁₆	β , β -Diethylstyrene.....	18.7	0.8924	1.51199	1.51677	1.52837	1.53866	(43)
C ₁₂ H ₁₆	<i>ar</i> -1, 3-Dimethyltetrahydronaphthalene.....	21.0	0.9589	1.53683	1.54094	1.55287	1.56297	(146)
C ₁₂ H ₁₆	<i>ar</i> -2-Ethyltetrahydronaphthalene.....	17.6	0.9499	1.53072	1.53474	1.54627	1.55594	(146)
C ₁₂ H ₁₆	α -Ethyl- β , β -dimethylstyrene.....	17.5	0.8886	1.50950	1.51422	1.52569	1.53575	(43)
C ₁₂ H ₁₆ N ₂	1-Isoamylindazole.....	16.3	1.0047	1.54160	1.54724	1.56138	1.57470	(60)
C ₁₂ H ₁₆ N ₂	2-Isoamylindazole.....	18.5	1.0084	1.55248	1.55877*	1.57452	1.58954	(60)
C ₁₂ H ₁₆ N ₂	Propylpropenyl- <i>o</i> -phenylenediamine.....	20.8	1.0341	1.55712	1.56255	1.57687	1.58971	(109)
C ₁₂ H ₁₆ O	<i>o</i> -Allyl- <i>sym</i> - <i>m</i> -xylenyl allyl ether.....	12.8	0.9666	1.52228	1.52750	1.53938	1.55029	(47)
C ₁₂ H ₁₆ O	2', 2', 5-Trimethyl-2-hydroxystyrene methyl ether.....	17.05	0.9679	1.53681	1.54253	1.55778	1.57181	(14)
C ₁₂ H ₁₆ O ₂	<i>o</i> -Isovalero- <i>p</i> -cresol.....	18.4	1.0291	1.52683	1.53270	1.55001	1.56848	(65)
C ₁₂ H ₁₆ O ₂	<i>o</i> -Isobutyro- <i>p</i> -methoxytoluene.....	13.7	1.0240	1.51685	1.52175	1.53545	1.54811	(41)
C ₁₂ H ₁₆ O ₂	Ethyleugenol.....	9.5	1.021	1.5256	1.5301	1.5426	1.5529	(128)
C ₁₂ H ₁₆ O ₂	Ethylisoeugenol.....	11	1.044	1.5540	1.5607	1.5792	1.5993	(128)
C ₁₂ H ₁₆ O ₂	Ethylchavibetol.....	11.5	1.013	1.5232	1.5276	1.5403	1.5514	(128)
C ₁₂ H ₁₆ O ₂	Ethylisochavibetol.....	11	1.039	1.5539	1.5602	1.5792	1.5980	(128)
C ₁₂ H ₁₆ O ₂	Amyl benzoate.....	17.4	0.9910	1.49114	1.49498	1.50530	1.51420	(145)
C ₁₂ H ₁₆ O ₂	Ethyl γ -phenylbutyrate.....	19.45	1.0015	1.49028	1.49396	1.50317	1.51110	(70)
C ₁₂ H ₁₆ O ₃	Asaron.....	11	1.091	1.5648	1.5719	1.5931	1.6142	(128)
C ₁₂ H ₁₆ O ₃	Ethyl 3-methyl-4-ethoxybenzoate.....	15.1	1.0618	1.51443	1.51908	1.53259	1.54428	(16)
C ₁₂ H ₁₈	2-Ethyleymene.....	15.6	0.8708	1.49494	1.49878	1.50878	1.51739	(143)
C ₁₂ H ₁₈	2-Ethylmenthatriene.....	15	0.8880	1.50429	1.50847	1.51920	1.52763	(143)
C ₁₂ H ₁₈	1, 1, 3, 6-Tetramethyl-4-ethene-2, 5-cyclohexadiene.....	15.4	0.8837	1.51028	1.51452	1.52702	1.53796	(89)

Formula	Name	t , °C	d_4^t	α	D	β	γ	Lit.
$C_{12}H_{18}N_2O_2$	2-Carbethoxy-7-methyltetrahydroindazole	21.8	1.0911	1.50218	1.50555*	1.51363	1.52027	(60)
$C_{12}H_{18}O_2$	Acetylcamphor.....	17.9	1.0314	1.49077	1.49415	1.50284	1.51057	(119)
$C_{12}H_{18}O_2$	Methoxymethylenecamphor.....	15.2	1.0234	1.50524	1.50913	1.51997	1.52986	(17)
$C_{12}H_{18}O_2$	Methylformylcamphor.....	23.1	1.0214	1.50118	1.50513		1.52376	(105)
$C_{12}H_{18}O_2$	Ethyl 1, 5-dimethylcyclohexene-1-meth- ene-3-carboxylate.....	20.6	0.9701	1.51237	1.51848	1.53424	1.54950	(45)
$C_{12}H_{18}O_3$	Diosphenol acetate.....	14.6	1.0415	1.48027	1.48378*	1.49233	1.49996	(32)
$C_{12}H_{18}O_3$	Ethyl diallylacetate.....	17.4	0.9823	1.45426	1.45716		1.47001	(105)
$C_{12}H_{18}O_3$	Ethyl isophoronecarboxylate.....	20.4	1.0291	1.47539	1.47878	1.48732	1.49738	(43,† 44)
$C_{12}H_{18}O_3$	Methyl camphocarboxylate.....	18.0	1.0847	1.48080	1.48333	1.48945	1.49461	(113,† 122)
$C_{12}H_{18}O_4$	Dimethyl <i>d</i> -dehydrocamphorate.....	18.1	1.0881	1.47078	1.47363	1.48096	1.48724	(9)
$C_{12}H_{18}O_4$	Dimethyl isodehydrocamphorate.....	17.5	1.0851	1.46526	1.46782	1.47434	1.47988	(9)
$C_{12}H_{18}O_6$	Diethyl propionylmalonate <i>O</i> -acetate...	16.7	1.0983	1.44937	1.45211	1.45972	1.46611	(34)
$C_{12}H_{18}O_6$	Diethyl acetylmalonate <i>O</i> -propionate...	18.6	1.0984	1.44918	1.45191	1.45967	1.46627	(34)
$C_{12}H_{18}O_6$	Triethyl aconitate.....	20	1.1064	1.45255	1.45562	1.46325	1.46981	(45,† 95)
$C_{12}H_{18}O_7$	Diethyl <i>O</i> -carbethoxy- β -hydroxyethyl- denemalonate.....	15.1	1.1322	1.44787	1.45059	1.45802	1.46436	(35)
$C_{12}H_{18}O_7$	Triethyl acetylmethanetricarboxylate...	13.5	1.1283	1.43456	1.43658	1.44257	1.44722	(35)
$C_{12}H_{20}O$	Ethylcamphor.....	24.3	0.9340	1.46624	1.46864	1.47453	1.47938	(97)
$C_{12}H_{20}O_2$	1, 1, 3, 3-Tetraethyl-2, 4-diketocyclo- butane.....	17.75	0.9456	1.44962	1.45181	1.45803	1.46295	(18)
$C_{12}H_{20}O_2$	Diosphenol ethyl ether.....	19.0		1.48405	1.48788*	1.49743	1.50601	(32)
$C_{12}H_{20}O_2$	Bornyl acetate.....	22.6	0.9833	1.45998	1.46225	1.46827	1.47319	(25)
$C_{12}H_{20}O_2$	Isobornyl acetate.....	23.4	0.9807	1.45978	1.46191	1.46798	1.47275	(25)
$C_{12}H_{20}O_2$	Ethyl 1, 3-dimethyl-4-cyclohexene-5- acetate.....	13.8	0.9455	1.45901	1.46178	1.46869	1.47458	(84)
$C_{12}H_{20}O_2$	Ethyl 1, 3-dimethylcyclohexylidene-5- acetate.....	20.3	0.9374	1.45481	1.45753	1.46416	1.46965	(84)
$C_{12}H_{20}O_3$	Ethyl 1, 3-dimethyl-3-cyclohexene-5- hydroxy-5-acetate.....	17.6		1.46857	1.47133	1.47829	1.48411	(76)
$C_{12}H_{20}O_4$	Diethyl <i>cis</i> - β -methyl- α -ethylglutaconate.	20.9	1.0182	1.45168	1.45487*	1.46256	1.46929	(73)
$C_{12}H_{20}O_4$	Diethyl <i>trans</i> - β -methyl- α -ethylglutacon- ate.....	19.9	1.0143	1.44984	1.45292*	1.46017	1.46658	(73)
$C_{12}H_{20}O_4$	Diethyl <i>cis</i> -hexahydrophthalate.....	16.8	1.0570	1.45207	1.45451	1.45992	1.46460	(73)
$C_{12}H_{20}O_4$	Diethyl <i>trans</i> -hexahydrophthalate.....	14.4	1.0449	1.44996	1.45235*	1.45791	1.46268	(73)
$C_{12}H_{20}O_4$	Diethyl <i>cis</i> -hexahydroisophthalate.....	14.1	1.0505	1.45176	1.45414*	1.45970	1.46431	(73)
$C_{12}H_{20}O_4$	Diethyl <i>cis</i> -hexahydroterephthalate.....	20.6	1.0516	1.44978	1.45222*	1.45769	1.46237	(73)
$C_{12}H_{20}O_4$	Dimethyl camphorate.....	16.9	1.0774	1.46098	1.46334		1.47366	(99)
$C_{12}H_{20}O_4$	Ethyl acid camphorate.....	16.8	1.10235	1.47126	1.47372	1.47955	1.48431	(97)
$C_{12}H_{20}O_5$	Diethyl isovalerylmalonate.....	21.0	1.0331	1.44138	1.44429	1.45156	1.45793	(56)
$C_{12}H_{20}O_7$	Triethyl citrate.....	20	1.1369	1.44302	1.44554	1.45133	1.45609	(93)
$C_{12}H_{21}NO$	Camphoroxime ethyl ether.....	17.0	0.9473	1.47574	1.47853		1.49122	(106)
$C_{12}H_{22}N_2$	γ -Ethylenedipiperidine.....	17.8	0.9212	1.48570	1.48869	1.49603	1.50219	(106)
$C_{12}H_{22}O$	1, 1-Dimethyl-4, 4-diethylcyclohexan-2- one.....	15.2	0.9112	1.46086	1.46307	1.46914	1.47419	(68)
$C_{12}H_{22}O$	Bornyl ethyl ether.....	24.7	0.8969	1.45329	1.45554	1.46131	1.46591	(97)
$C_{12}H_{22}O_2$	Amylpropionic acetal.....	9.5	0.8858	1.43980	1.44210	1.4483	1.45307	(150)
$C_{12}H_{22}O_2$	Ethyl 2-methyl-5-isopropylcyclopentane- 1-carboxylate.....	11.8	0.9178	1.44047		1.44825	1.45272	(130)
$C_{12}H_{22}O_3$	Ethyl β -amyl- β -ethoxyacrylate.....	23.2	0.9307	1.44865	1.45179	1.45996	1.46716	(17)
$C_{12}H_{22}O_3$	Ethyl 1, 3-dimethylcyclohexan-5-ol-5- acetate.....	14.9	0.9895	1.45442	1.45664	1.46269	1.46777	(84)
$C_{12}H_{22}O_4$	Bis-diethylacetal.....	26	0.9529	1.4289	1.43276	1.4386	1.4432	(150)
$C_{12}H_{22}O_4$	Diethyl tetramethylsuccinate.....	22.7	0.9928	1.43246	1.43484*	1.44001	1.44450	(73)
$C_{12}H_{23}NO_2$	Ethyl <i>cis</i> - <i>p</i> -amino- <i>o</i> , <i>o</i> , <i>o'</i> -trimethyl- hexahydrobenzoate.....	21.1	0.9888	1.47188	1.47493*	1.48167	1.48776	(73)
$C_{12}H_{23}NO_2$	Ethyl <i>trans</i> - <i>p</i> -amino- <i>o</i> , <i>o</i> , <i>o'</i> -trimethyl- hexahydrobenzoate.....	21.1	0.9789	1.46938	1.47219*	1.47823	1.48356	(73)
$C_{12}H_{24}N_2O_4$	Diethylhydrazoisobutyrate.....	20.5	0.9985	1.43165	1.43403*	1.43941	1.44411	(29)
$C_{12}H_{24}O$	1, 1-Dimethyl-4, 4-diethylcyclohexan-2- ol.....	13.6	0.9196	1.47367	1.47588	1.48213	1.48715	(68)
$C_{12}H_{24}O$	Menthyl ethyl ether.....	17.1	0.8535	1.44125	1.44347	1.44897	1.45358	(97)
$C_{12}H_{24}O_2$	<i>n</i> -Decyl acetate.....	20	0.8671	1.42494	1.42727	1.43257	1.43698	(163)
$C_{12}H_{26}O$	Ethyl <i>n</i> -decyl ether.....	20	0.7942	1.42032	1.42227	1.42753	1.43173	(163)

Formula	Name	<i>t</i> , °C	<i>d</i> ₄ ²⁵	<i>n</i> _D ²⁵	<i>n</i> _D ²⁰	<i>n</i> _D ¹⁵	<i>n</i> _D ¹⁰	<i>n</i> _D ⁵	Lit.
C ₁₂ H ₂₇ N	Triisobutylamine.....	17.3	0.7711	1.42280	1.42519				(106)
C ₁₂ H ₂₇ N ₃	Triformalpropylamine.....	18.8	0.8795	1.45712	1.45974	1.46630			(109)
C ₁₃ H ₁₀ O	Benzophenone:								
	(Stable).....	45.2	1.0889	1.58932	1.59750	1.61615			(45)
	(Labile).....	23.4	1.1076	1.59836	1.60596	1.62519			(45)
C ₁₃ H ₁₂	Diphenylmethane.....	20	1.0060	1.57145	1.57683	1.59183	1.60483		(48)
C ₁₃ H ₁₂ O	1-Methyl-2-acetylnaphthalene.....	16.1	1.1046	1.61816	1.62695	1.65215	1.67720		(145)
C ₁₃ H ₁₂ O	2-Methyl-(5)8-acetylnaphthalene.....	13.3	1.0985	1.61572	1.62443	1.64933	1.67405		(145)
C ₁₃ H ₁₂ O ₂	Ethyl 1-naphthoate.....	14.7	1.1270	1.58914	1.59660	1.61774	1.63770		(48, 161)
C ₁₃ H ₁₂ O ₂	Ethyl 2-naphthoate.....	22.7	1.1143	1.58756	1.59513	1.61649	1.63543		(48)
C ₁₃ H ₁₂ O ₂	Methyl 6-methyl-1-naphthoate.....	15.3	1.1400	1.60027	1.60813	1.63056			(48)
C ₁₃ H ₁₃ N	Benzylaniline.....	24.8	1.0619	1.5974	1.6118	1.6301	1.6663(?)		(132)
C ₁₃ H ₁₃ N	Methyldiphenylamine.....	24.6	1.0466	1.5998	1.6166	1.6391	1.6774		(132)
C ₁₃ H ₁₄	1-Methyl-2-ethylnaphthalene.....	15.4	1.0014	1.59422	1.60138	1.62151	1.63995		(145)
C ₁₃ H ₁₄	1-Methyl-4-ethylnaphthalene.....	13.1	1.0086	1.59839	1.60571	1.62624	1.64490		(145)
C ₁₃ H ₁₄ N ₂	1-Phenyltetrahydroindazole.....	99.9	1.0608	1.56243	1.56821*	1.58313	1.59647		(60)
C ₁₃ H ₁₄ N ₂	2-Phenyltetrahydroindazole.....	99.6	1.0544	1.57181	1.57840*	1.59640	1.61353		(60)
C ₁₃ H ₁₄ O	1-Benzyl-5-cyclohexen-2-one.....	21.65	1.0612	1.55746	1.56277	1.57641	1.58865		(83)
C ₁₃ H ₁₄ O ₂	2, 2-Diethylindanedione.....	14.5	1.0693	1.53658	1.54174	1.55632	1.56967		(36)
C ₁₃ H ₁₄ O ₂	Ethyl allocinnamylideneacetate.....	18.5	1.0445	1.60619	1.61925*	1.65711	1.70021		(27)
C ₁₃ H ₁₄ O ₂	Ethyl cinnamylideneacetate.....	42.2	1.0294	1.60039	1.61348*	1.65080	1.69311		(27)
C ₁₃ H ₁₄ O ₂	Ethyl γ -methylindene- β -carboxylate.....	39.1	1.0740	1.55417	1.56087	1.58022	1.59885		(16)
C ₁₃ H ₁₄ O ₂	Ethyl Δ^1 -dihydro- β -naphthoate.....	18	1.0950	1.57134	1.57919	1.60038	1.62169		(70)
C ₁₃ H ₁₄ O ₂	Ethyl Δ^2 -dihydro- α -naphthoate (labile).....	19.6	1.0897	1.53057	1.53486*	1.54549	1.55458		(70)
C ₁₃ H ₁₄ O ₂	Ethyl Δ^1 -dihydro- α -naphthoate (stable).....	20.2	1.1019	1.55326	1.55896*	1.57328	1.58642		(70)
C ₁₃ H ₁₄ O ₂	Ethyl Δ^3 -dihydro- β -naphthoate.....	18.2	1.0865	1.54587	1.55133	1.56534	1.57811		(70)
C ₁₃ H ₁₄ O ₃	Ethyl 2, 4-dimethylcoumarilate.....	59	1.0931	1.53939	1.54642	1.56425	1.58147		(41)
C ₁₃ H ₁₄ O ₃	1-Ethyl-4-methyl-2-acetoxycoumarone.....	18.7	1.1079	1.52993	1.53493	1.54952	1.56293		(23)
C ₁₃ H ₁₄ O ₄	Ethyl 1, 4-dimethylcoumaran-2-one-1-carboxylate.....	24.1	1.1533	1.52752	1.53340	1.55002	1.56719		(19)
C ₁₃ H ₁₄ O ₄	Ethyl 1-ethylcoumaran-2-one-1-carboxylate.....	18.6	1.1548	1.53082	1.53660	1.55289	1.56878		(19)
C ₁₃ H ₁₄ O ₄	Ethyl 2-ethoxycoumarilate.....	14.3	1.1681	1.55231	1.55922	1.57818	1.59662		(41)
C ₁₃ H ₁₄ O ₄	Ethyl 4-methyl-2-methoxycoumarilate.....	23.8	1.1701	1.55570	1.56279	1.58240	1.60172		(41)
C ₁₃ H ₁₅ BrO ₂	<i>o</i> -(α -Bromoisobutyl)- <i>p</i> -acetotoluene.....	25.7	1.3173	1.52435	1.52883	1.54054			(11)
C ₁₃ H ₁₆	1-Benzyl-1-cyclohexene.....	14.1	0.9692	1.54009	1.54426	1.55601	1.56577		(83)
C ₁₃ H ₁₆	1-Phenyl-5-methyl-1, 3-hexadiene.....	20	0.9248	1.57822	1.58727	1.61401	1.64065		(45, † 142)
C ₁₃ H ₁₆ N ₂ O ₂	Isoamyl indazole-2-carboxylate.....	15.1	1.1101	1.53715	1.54251*	1.55586	1.56805		(29)
C ₁₃ H ₁₆ O	α -Benzalmethyl <i>n</i> -butyl ketone.....	44.7	0.9596	1.54416	1.55181	1.57293			(8)
C ₁₃ H ₁₆ O	1, 3-Dimethyl-6-isopropylcoumarone.....	14.15	0.9993	1.53749	1.54273	1.55724	1.57032		(23)
C ₁₃ H ₁₆ O	1-Methyl-4- <i>tert</i> -butylcoumarone.....	13.85	0.9938	1.53326	1.53831	1.55213	1.56460		(23)
C ₁₃ H ₁₆ O ₂	<i>p</i> -Tolyl α -ethylcrotonate.....	14.6	1.0134	1.51112	1.51566*	1.52680	1.53675		(30)
C ₁₃ H ₁₆ O ₂	2, 2-Diethyl-5-methylcoumaranone.....	22.6	1.0320	1.52549	1.53141*	1.54797	1.56575		(30)
C ₁₃ H ₁₆ O ₂	1-Isopropyl-3, 5-dimethylcoumaranone.....	21	1.0472	1.53396	1.53955	1.55610	1.57256		(66)
C ₁₃ H ₁₆ O ₂	2, 6-Dimethyl-3-ethylchromanone.....	21.0	1.0627	1.53330	1.53912*	1.55386	1.56988		(30)
C ₁₃ H ₁₆ O ₂	3, 4-Dimethyl-2-ethyl-7-oxyhydrindone.....	12.2	1.0806	1.54590	1.55190*	1.56733	1.58263		(30)
C ₁₃ H ₁₆ O ₂	Ethyl α , β -dimethylcinnamate.....	15.2	1.0202	1.51620	1.52119	1.51903			(14)
C ₁₃ H ₁₆ O ₂	Ethyl α -ethylcinnamate.....	13.75	1.0247	1.53613	1.54252	1.55907	1.57473		(14)
C ₁₃ H ₁₆ O ₂	Isovalerylacetophenone.....	20.1	1.0307	1.55232	1.56044	1.58492	1.61114		(56)
C ₁₃ H ₁₆ O ₂	Phenylpropionic acetal.....	13	0.9940	1.51725	1.52216	1.53373	1.54352		(150)
C ₁₃ H ₁₆ O ₃	Ethyl β -ethoxycinnamate.....	24.5	1.0593	1.52511	1.53072	1.54557	1.55949		(14)
C ₁₃ H ₁₆ O ₃	Ethyl ethylbenzoylacetate.....	13.7	1.0717	1.50663	1.51103	1.52221	1.53222		(17, † 56)
C ₁₃ H ₁₆ O ₃	Ethyl α -methyl- <i>p</i> -methoxycinnamate.....	15.6	1.0894	1.56213	1.57009	1.59339			(37)
C ₁₃ H ₁₆ O ₃	Methyl α , <i>m</i> -dimethyl- <i>o</i> -methoxycinnamate.....	14.6	1.0989	1.55727	1.56424	1.58477			(14)
C ₁₃ H ₁₆ O ₃	Methyl β -methyl-2-methoxy-5-methylcinnamate.....	12.7	1.0872	1.54083	1.54716	1.56290	1.57804		(14)
C ₁₃ H ₁₆ O ₃	<i>o</i> -Isobutyro- <i>o</i> -tolyl acetate.....	18.4	1.0755	1.50985	1.51436*	1.52583	1.53613		(40)
C ₁₃ H ₁₇ NO	α -Mesityloxide oxime benzyl ether.....	14	0.9919	1.53035	1.53557*	1.54824	1.55961		(74)
C ₁₃ H ₁₇ NO ₂	Ethyl β -benzylaminoacetoacetate.....	21.6	1.0596	1.55119	1.55786	1.57546	1.59273		(109)
C ₁₃ H ₁₈ O	Thymol allyl ether.....	15.4	0.9390	1.50622	1.51025	1.52152	1.53110		(47)
C ₁₃ H ₁₈ O	<i>o</i> -Allylthymol.....	15.4	0.9700	1.52382	1.52809	1.53986	1.54992		(47)
C ₁₃ H ₁₈ O ₃	Ethyl α , <i>p</i> -toloxisobutyrate.....	19.55	1.0270	1.48624	1.48945	1.49916	1.50720		(82)
C ₁₃ H ₁₈ O ₃	α -Hydroxydiethylaceto- <i>p</i> -cresol.....	21.1	1.0796	1.53392	1.54040*	1.55820	1.57750		(30)

Formula	Name	$t, ^\circ\text{C}$	d_4^t	α	D	β	γ	Lit.
$\text{C}_{13}\text{H}_{20}$	2-Propyleylene.....	15	0.8685	1.49198	1.49585	1.50549	1.51386	(143)
$\text{C}_{13}\text{H}_{20}$	2-Propyl- $\Delta^{2,5,8,(9)}$ -menthatriene.....	15	0.8804	1.49900	1.50273	1.51312	1.52141	(143)
$\text{C}_{13}\text{H}_{20}\text{O}$	α -Ionone.....	22.3	0.9298	1.49452	1.49842	1.50834	1.51735	(44)
$\text{C}_{13}\text{H}_{20}\text{O}$	β -Ionone.....	18.9	0.9445	1.51443	1.51977	1.53396	1.54783	(45)
$\text{C}_{13}\text{H}_{20}\text{O}$	<i>o</i> , <i>o</i> -Diethyl- <i>sym</i> -, <i>m</i> -xylene methyl ether.....	14.4	0.9507	1.51035	1.51525	1.52546	1.53491	(47)
$\text{C}_{13}\text{H}_{20}\text{O}_2$	Ethylformylecamphor.....	17.9	1.0036	1.50062	1.50465	1.51592	1.52473	(105)
$\text{C}_{13}\text{H}_{20}\text{O}_2$	Propionylecamphor.....	18.1	1.0187	1.48729	1.49051	1.49857	1.50569	(119)
$\text{C}_{13}\text{H}_{20}\text{O}_2$	Ethyl bornylenecarboxylate.....	19.8	0.9828	1.47284	1.47604	1.48332	1.48969	(9)
$\text{C}_{13}\text{H}_{20}\text{O}_2$	Ethyl 1-methyl-4-isopropyl-1, 3-cyclohexadiene-3-carboxylate.....	16.9	0.9773	1.49592	1.50010	1.51100	1.52074	(54)
$\text{C}_{13}\text{H}_{20}\text{O}_3$	Acetoxymethylcyclohexanone.....	16.0	1.0318	1.48415	1.48754	1.49697	1.50520	(17)
$\text{C}_{13}\text{H}_{20}\text{O}_3$	Ethyl camphorcarboxylate.....	24.3	1.0528	1.47106	1.47356	1.47962	1.48454	(97, 113)
$\text{C}_{13}\text{H}_{20}\text{O}_3$	Ethyl methylisophoronecarboxylate.....	19	1.0248	1.47760	1.48181	1.49023	1.49776	(44)
$\text{C}_{13}\text{H}_{20}\text{O}_4$	Diethyl diallylmalonate.....	15.3	0.9961	1.44502	1.44771	1.45431	1.45977	(71)
$\text{C}_{13}\text{H}_{20}\text{O}_6$	Diethyl propionylmalonate <i>O</i> -propionate.....	19.1	1.0790	1.44843	1.45106	1.45868	1.46488	(34)
$\text{C}_{13}\text{H}_{20}\text{O}_8$	Tetraethyl methanetetraacetate.....	13.5	1.1401	1.43375	1.43593	1.44162	1.44633	(35)
$\text{C}_{13}\text{H}_{22}\text{O}_2$	Ethoxymethylcyclohexanone.....	15.15	0.9696	1.48587	1.48945	1.49954	1.50907	(17)
$\text{C}_{13}\text{H}_{22}\text{O}_2$	Ethyl α -(1, 3-dimethyl-cyclohexylidene)-5-propionate.....	18.7	0.9702	1.50227	1.50753	1.52136	1.53443	(84)
$\text{C}_{13}\text{H}_{22}\text{O}_4$	Diethyl <i>cis</i> -hexahydrohomophthalate.....	21.1	1.0394	1.45129	1.45363*	1.45913	1.46386	(73)
$\text{C}_{13}\text{H}_{22}\text{O}_4$	Diethyl <i>trans</i> -hexahydrohomophthalate.....	21.2	1.0369	1.45039	1.45283*	1.45833	1.46277	(73)
$\text{C}_{13}\text{H}_{22}\text{O}_4$	<i>o</i> -Ethyl allomethylcamphorate.....	17.7	1.0569	1.45809	1.46042		1.47063	(99)
$\text{C}_{13}\text{H}_{22}\text{O}_4$	<i>o</i> -Methyl alloethylcamphorate.....	17.1	1.0492	1.45656	1.45889		1.46905	(99)
$\text{C}_{13}\text{H}_{23}\text{NO}_4$	Diethyl <i>N</i> -methylpyrrolidinediacetate.....	15.5	1.0472	1.45723	1.45969	1.46607	1.47148	(25)
$\text{C}_{13}\text{H}_{24}\text{O}_2$	Hexylpropionic acetal.....	12.1	0.8808	1.4398	1.4424	1.4483	1.4530	(150)
$\text{C}_{13}\text{H}_{26}\text{O}_2$	<i>n</i> -Decyl propionate.....	20	0.8639	1.42696	1.42907	1.43434	1.43863	(163)
$\text{C}_{13}\text{H}_{26}\text{O}$	Propyl <i>n</i> -decyl ether.....	20	0.7969	1.42273	1.42487	1.43019	1.43444	(163)
$\text{C}_{14}\text{H}_{12}$	α -Phenylstyrene.....	20	1.0232	1.60089	1.60849	1.62730	1.64482	(45)
$\text{C}_{14}\text{H}_{12}$	9-Phenylfluorene.....	66.2	1.0263	1.60233	1.61009	1.63189		(48)
$\text{C}_{14}\text{H}_{12}\text{O}$	Diphenylacetaldehyde.....	21.9	1.0986	1.58500	1.59114*	1.60646	1.62043	(28)
$\text{C}_{14}\text{H}_{14}$	<i>p</i> -Methyldiphenylmethane.....	19.3	0.9978	1.56579	1.57103	1.58571	1.59804	(48)
$\text{C}_{14}\text{H}_{14}\text{O}$	1-Ethyl-4-acetylnaphthalene.....	15.7	1.0922	1.61139	1.61979	1.64374	1.66762	(145)
$\text{C}_{14}\text{H}_{14}\text{O}_2$	Ethyl α -methyl- β -naphthoate.....	22.1	1.1103	1.58638	1.59408*	1.61423	1.63293	(70)
$\text{C}_{14}\text{H}_{14}\text{O}_3$	Ethyl 1-methoxy-2-naphthoate.....	17.7	1.1486	1.58180	1.58923	1.60964	1.62908	(48)
$\text{C}_{14}\text{H}_{14}\text{O}_3$	Ethyl 3-methoxy-2-naphthoate.....	17.7	1.1616	1.59336	1.60090	1.62243	1.64306	(48)
$\text{C}_{14}\text{H}_{15}\text{N}$	Dibenzylamine.....	21.6	1.0256	1.56885	1.57432	1.58817	1.60017	(106)
$\text{C}_{14}\text{H}_{15}\text{NO}$	β -Acetyl ethylaminonaphthalene.....	23.1	1.0893	1.59614	1.60312	1.62261	1.64039	(145)
$\text{C}_{14}\text{H}_{16}$	1, 4-Diethylnaphthalene.....	13.1	0.9983	1.59005	1.59699	1.61642	1.63423	(145)
$\text{C}_{14}\text{H}_{16}$	1, 3-Dimethyl-5-phenyl-3, 5-cyclohexadiene.....	17.0	0.9722	1.56824	1.57486	1.59322	1.61083	(83)
$\text{C}_{14}\text{H}_{16}\text{N}_2$	1-Benzyltetrahydroindazole.....	17.0	1.0923	1.56906	1.57393*	1.58576	1.59629	(60)
$\text{C}_{14}\text{H}_{16}\text{N}_2$	2-Benzyltetrahydroindazole.....	16.1	1.0903	1.57124	1.57620*	1.58836	1.59912	(60)
$\text{C}_{14}\text{H}_{16}\text{O}$	Ocracenone.....	62.4	1.0760	1.56549	1.57072	1.58603		(64)
$\text{C}_{14}\text{H}_{16}\text{O}$	1-Keto-octahydrophenanthrene.....	100.1	1.0638	1.55863	1.56282	1.57821		(64)
$\text{C}_{14}\text{H}_{16}\text{O}_2$	Ethyl Δ^1 - α -methyl- β -naphthoate.....	15.6	1.0906	1.56723	1.57438*	1.59295	1.61143	(70)
$\text{C}_{14}\text{H}_{16}\text{O}_2$	Ethyl α -methyleinnamylideneacetate.....	18.7	1.0421	1.60262	1.61553*	1.65283	1.69588	(27)
$\text{C}_{14}\text{H}_{16}\text{O}_2$	Ethyl β -methyleinnamylideneacetate.....	25.1	1.0384	1.58849	1.59936*	1.63013	1.66379	(27)
$\text{C}_{14}\text{H}_{16}\text{O}_2$	Ethyl γ -methyleinnamylideneacetate.....	20.3	1.0387	1.59010	1.60100*	1.63176	1.66551	(27)
$\text{C}_{14}\text{H}_{16}\text{O}_3$	1-Ethyl-3, 5-dimethyl-2-acetoxycoumarone.....	20.4	1.0776	1.52527	1.53010	1.54381	1.55630	(23)
$\text{C}_{14}\text{H}_{16}\text{O}_3$	1-Isopropyl-4-methyl-2-acetoxycoumarone.....	19.1	1.0823	1.52377	1.52846	1.54241	1.55466	(23)
$\text{C}_{14}\text{H}_{16}\text{O}_4$	Diethyl benzalmalonate.....	20.4	1.1045	1.53242	1.53894	1.55697	1.57444	(45)
$\text{C}_{14}\text{H}_{16}\text{O}_4$	Ethyl 4-methyl-2-ethoxycoumarilate.....	52.6	1.1044	1.53367	1.54037	1.55855	1.57637	(41)
$\text{C}_{14}\text{H}_{17}\text{N}$	α -Diethylaminonaphthalene.....	18.1	1.0071	1.58611	1.59331	1.61410	1.63305	(145)
$\text{C}_{14}\text{H}_{17}\text{N}$	β -Diethylaminonaphthalene.....	21.6	1.0242	1.62219	1.63210	1.66216	1.69595	(145)
$\text{C}_{14}\text{H}_{18}$	Octahydroanthracene.....	88.8	0.9648	1.53230	1.63625	1.54791	1.55788	(64)
$\text{C}_{14}\text{H}_{18}$	Octahydrophenanthrene.....	12.8	1.0313	1.56588	1.57006	1.58189	1.59185	(64)
$\text{C}_{14}\text{H}_{18}$	1, 3-Dimethyl-5-phenyl-3-cyclohexene.....	15.3	0.9462	1.53131	1.53617	1.54773	1.55799	(83)
$\text{C}_{14}\text{H}_{18}$	1-Phenyl-6-methyl-1, 3-heptadiene.....	14.9	0.9486	1.57364	1.58232	1.60620	1.63025	(45)
$\text{C}_{14}\text{H}_{18}\text{O}$	Benzal dipropyl ketone.....	23.9	0.9718	1.54116	1.54761	1.56514	1.58203	(8)
$\text{C}_{14}\text{H}_{18}\text{O}_2$	Ethyl <i>p</i> , α , β -trimethyleinnamate.....	18.35	1.0027	1.51483	1.51915	1.53187	1.54290	(14)
$\text{C}_{14}\text{H}_{18}\text{O}_3$	Ethyl α -(β -phenylethyl)-acetoacetate.....	24.15	1.0441	1.49260	1.49636*	1.50548	1.51329	(70)
$\text{C}_{14}\text{H}_{20}\text{O}_4$	Methyl acetylcamphorcarboxylate.....	19.8	1.0823	1.48128	1.48439	1.49202	1.49847	(43, † 115)

Formula	Name	<i>t</i> , °C	<i>d</i> ₄ ²⁵	α	D	β	γ	Lit.
C ₁₄ H ₂₀ O ₉	Tetraethyl oxalylmethanetricarboxylate.	15.45	1.1671	1.43820	1.44026	1.44627		(35)
C ₁₄ H ₂₂ O ₂	Butyrylcamphor.....	17.35	1.0161	1.48900	1.49233	1.50088	1.50844	(119)
C ₁₄ H ₂₂ O ₂	Ethyl α -(1, 3-dimethyl-3, 5-cyclohexa- diene)-5-isobutyrate.....	13.4	0.9689	1.48605	1.48950	1.49858	1.50654	(84)
C ₁₄ H ₂₂ O ₃	Ethyl ethylisophoroncarboxylate.....	19	1.0109	1.47936	1.48288	1.49148	1.49921	(44)
C ₁₄ H ₂₂ O ₄	Diethyl <i>dl</i> -dehydrocamphorate.....	16.4	1.0399	1.46313	1.46588	1.47287	1.47879	(9)
C ₁₄ H ₂₄ N ₂	Tetraethyl- <i>o</i> -phenylenediamine.....	12.6	0.9267	1.51676	1.52134	1.53467	1.54654	(145)
C ₁₄ H ₂₄ N ₂	Tetraethyl- <i>m</i> -phenylenediamine.....	11.8	0.9522	1.54778	1.55367	1.57051	1.58588	(145)
C ₁₄ H ₂₄ O ₄	Diethyl camphorate.....	26.2	1.0244	1.45127	1.45354	1.45906	1.46347	(97)
C ₁₄ H ₂₄ O ₄	Diethyl <i>d-cis</i> -camphorate.....	19.1	1.0319	1.45386	1.45613	1.46179	1.46649	(80)
C ₁₄ H ₂₄ O ₄	Diethyl <i>l-trans</i> -camphorate.....	21.6	1.0286	1.45226	1.45454	1.46015	1.46506	(80)
C ₁₄ H ₂₄ O ₇	Tetraethyl citrate.....	20	1.1022	1.44582	1.44844	1.45476		(93)
C ₁₄ H ₂₈ O ₂	<i>n</i> -Decyl butyrate.....	20	0.8617	1.42867	1.43077	1.43613	1.44048	(163)
C ₁₄ H ₂₈ O ₂	Heptyl heptate.....	18.8	0.86492	1.42692	1.43177	1.43718	1.44155	(125)
C ₁₄ H ₃₀ O	Dimethylundecyl carbinol.....	81.8		1.41520	1.41736*	1.42249	1.42675	(127)
C ₁₄ H ₃₀ O	Butyl decyl ether.....	20	0.8009	1.42565	1.42777	1.43302	1.43735	(163)
C ₁₅ H ₁₂ O ₃	Methyl <i>o</i> -benzoylbenzoate.....	19.65	1.1900	1.58480	1.59128	1.60874	1.62492	(49)
C ₁₅ H ₁₄	<i>m</i> -Methylstilbene.....	60.5	0.9891	1.62501	1.63628	1.66982		(48)
C ₁₅ H ₁₄	α -Phenyl- β -methylstyrene.....	63.5	0.9813	1.57197	1.57913	1.59638	1.61169	(45)
C ₁₅ H ₁₄ O	3-Allyl-2-hydroxydiphenyl.....	18.7	1.0735	1.59411	1.60107*	1.61850	1.63439	(87)
C ₁₅ H ₁₄ O ₆	Diethyl phthalylmalonate.....	84.4	1.1887	1.53416	1.54105	1.56155		(36)
C ₁₅ H ₁₆	1-Phenyl-1- <i>p</i> -tolylethane.....	17.2	0.9847	1.56038	1.56590	1.57962	1.59192	(13)
C ₁₅ H ₁₆ O	3-Propyl-2-hydroxydiphenyl.....	16.0	1.0512	1.57462	1.58063*	1.59606		(87)
C ₁₅ H ₁₆ O	1-Methyl-4-ethyl-2-acetylnaphthalene.....	15.1	1.0737	1.60390	1.61183	1.63455	1.65676	(145)
C ₁₅ H ₁₈	1-Methyl-2, 4-diethylnaphthalene.....	13.3	0.9870	1.58549	1.59231	1.61135	1.62870	(145)
C ₁₅ H ₁₈ O	<i>o, o, p</i> -Triallylphenol.....	12.75	0.9801	1.53963	1.54451	1.55776	1.56937	(47)
C ₁₅ H ₁₈ O	<i>o, o</i> -Diallylphenol allyl ether.....	12.75	0.9563	1.52144	1.52583	1.53792	1.54823	(47)
C ₁₅ H ₁₈ O ₂	4, 7-Dimethyl-2, 2-diethylindanedione.....	62.4	1.0174	1.52107	1.52598	1.54051		(36)
C ₁₅ H ₁₉ NO ₂	Tropacocaine.....	100.1	1.0426	1.50440	1.50801	1.51840	1.52707	(25)
C ₁₅ H ₂₀ O ₆	Triallyl tricarballate.....	15.9	1.0973	1.46461	1.46747	1.47463	1.48076	(71)
C ₁₅ H ₂₀ O ₇	Triallyl citrate.....	17.4	1.1358	1.46798	1.47142	1.47839	1.48439	(71)
C ₁₅ H ₂₀ O ₁₀	Tetraethyl dioxalylmalonate.....	14.9	1.1926	1.45378	1.45665	1.46452	1.47138	(35)
C ₁₅ H ₂₂ O ₃	Methyl allylcamphorcarboxylate.....	20.2	1.0670	1.48839	1.49113	1.49783	1.50326	(114)
C ₁₆ H ₁₆ O ₄	Diethyl naphthalate.....	70.0	1.1399	1.55245	1.55863	1.57648	1.59319	(48)
C ₁₆ H ₁₈	2-Phenylcymene.....	15	0.9776	1.56228	1.56797	1.58266	1.59626	(143)
C ₁₆ H ₁₈	2-Phenylmenthatriene.....	15	0.9752	1.56307	1.56914	1.58476	1.59911	(143)
C ₁₆ H ₁₈ O ₂	<i>o, o</i> -Diethoxydiphenyl.....	47.4	1.0430	1.55479	1.56022	1.57603	1.59014	(48)
C ₁₆ H ₂₀ O ₆	Diethyl α -oxalyl- γ -phenylbutyrate.....	15.75	1.1162	1.49164	1.49526	1.50439		(70)
C ₁₆ H ₂₂ O ₄	Ethyl α, α -diethyl(<i>o</i> -methoxybenzoyl) acetate.....	12.3	1.0931	1.51272	1.51742	1.52868	1.53909	(19)
C ₁₆ H ₂₄ O ₅	Diethyl camphoric carbonate.....	19.4	1.0765	1.47417	1.47417	1.48140	1.48729	(43,† 97)
C ₁₆ H ₂₅ ClO ₃	Amyl chlorocamphocarboxylate.....	19.0	1.0906	1.48391	1.48655	1.49285	1.49800	(116)
C ₁₆ H ₂₆ O	Phenyl <i>n</i> -decyl ether.....	20	0.8981	1.48279	1.48618	1.49474	1.50213	(163)
C ₁₆ H ₂₆ O ₃	Isoamyl camphocarboxylate.....	17.2	1.0143	1.47343	1.47596	1.48197	1.48685	(113,† 122)
C ₁₆ H ₂₇ N	Diamylaniline.....	24.9	0.8893	1.50368	1.50826		1.53074	(106)
C ₁₇ H ₁₄ Br ₂ O ₂	Ethyl 2, 7-dibromofluorene-9-acetate.....	99.8	1.5121	1.60527	1.61300	1.63481	1.65429	(145)
C ₁₇ H ₁₆ O ₂	Ethyl α -phenylcinnamate.....	18.55	1.0971	1.58973	1.59723	1.61959		(45)
C ₁₇ H ₂₀	2-Benzylcymene.....	15	0.9690	1.55138	1.55650	1.56958	1.58098	(143)
C ₁₇ H ₂₁ NO ₄	<i>d</i> - ϕ -Cocaine.....	99.6	1.1020	1.49862	1.50218	1.51199	1.51959	(25)
C ₁₇ H ₂₁ NO ₄	<i>dl</i> - ϕ -Cocaine.....	99.5	1.1026	1.49867	1.50209	1.51193	1.51996	(25)
C ₁₇ H ₃₆	<i>n</i> -Heptadecane.....	79.0		1.41105	1.41320*	1.41832	1.42251	(127)
C ₁₈ H ₁₈ O ₂	Ethyl α -benzylecinnamate.....	16.1	1.0831	1.58163	1.58850	1.60717		(45)
C ₁₈ H ₂₀	1, 4-Diphenyl-1-ethyl-3-butene.....	22.8	0.9892	1.58083	1.58749	1.60490	1.62049	(44)
C ₁₈ H ₂₆ N ₂	1, 4-Diethylaminonaphthalene.....	99.6	0.9318	1.53320	1.53943	1.55827	1.57731	(145)
C ₁₈ H ₂₆ N ₂	1, 5-Diethylaminonaphthalene.....	26.8	0.9889	1.56740	1.57421	1.59428	1.61449	(145)
C ₁₈ H ₂₆ N ₂	1, 8-Diethylaminonaphthalene.....	18.0	1.0124	1.58707	1.59508	1.61916	1.64005	(145)
C ₁₈ H ₂₈ O	Undecyl phenyl ketone.....	52.4	0.900	1.48149	1.48503	1.49425		(8)
C ₁₈ H ₂₈ O ₄	Amyl acetylcamphorcarboxylate.....	20.5	1.0223	1.47426	1.47717	1.48438	1.49049	(43,† 115)
C ₁₈ H ₂₈ O ₄	Ethyl isovalerylcamphorcarboxylate.....	22.7	1.0219	1.47366	1.47644	1.48390	1.48995	(43,† 115)
C ₁₉ H ₂₀	<i>meso</i> -Isoamylanthracene.....	71.1	1.0017	1.62491	1.63636	1.67152		(22)
C ₁₉ H ₂₂	Dihydro- <i>meso</i> -isoamylanthracene.....	44.4	0.9940	1.55791	1.56261	1.57651	1.58868	(22)
C ₂₀ H ₂₈ O ₂	2, 3-Diamylhydroxynaphthalene.....	19.5	0.9919	1.54057	1.54621	1.56187		(48)
C ₂₀ H ₂₈ O ₂	2, 7-Diamylhydroxynaphthalene.....	99.6	0.9335	1.51043	1.51547	1.53068		(48)
C ₂₀ H ₂₈ O ₂	1, 5-Dihydroxynaphthalenediamyl ether.....	99.9	0.9411	1.51083	1.51602	1.53128		(145)

Formula	Name	$t, ^\circ\text{C}$	d_4^t	α	D	β	γ	Lit.
$\text{C}_{26}\text{H}_{40}$	Dimethylhexadecylethylene.....	79.1		1.42600	1.42847*	1.43434	1.43931	(127)
$\text{C}_{26}\text{H}_{40}\text{O}_2$	<i>n</i> -Decyl caprate.....	20	0.8586	1.44006	1.44232	1.44783	1.45236	(163)
$\text{C}_{26}\text{H}_{42}\text{O}$	Di- <i>n</i> -decyl ether.....	20	0.8187	1.43955	1.44182	1.44743	1.45206	(163)
$\text{C}_4\text{H}_{10}\text{Sn}$	Tetraethyl tin.....		1.4089	1.5065	1.5143		1.5403	(132)
$\text{C}_4\text{H}_{10}\text{Pb}$	Dimethylethylisobutyl lead.....	20.7	1.6234	1.50327	1.50783	1.51982	1.53010	(136)
$\text{C}_4\text{H}_{10}\text{Pb}$	Methyldiethylpropyl lead.....	22.1	1.6403	1.50925	1.51412	1.52638	1.53710	(136)
$\text{C}_9\text{H}_{22}\text{Pb}$	Dimethylethylisobutyl lead.....	21.7	1.5579	1.50079	1.50524	1.51662	1.52647	(136)
$\text{C}_{10}\text{H}_{24}\text{Pb}$	Dimethylpropylisobutyl lead.....	22	1.5028	1.49773	1.50201	1.51313	1.52251	(136)
$\text{C}_{10}\text{H}_{24}\text{Pb}$	Methyldiethylisobutyl lead.....	20.8	1.5225	1.50336	1.50783	1.51921	1.52934	(136)
$\text{C}_{10}\text{H}_{24}\text{Pb}$	Tri- <i>n</i> -propylmethyl lead.....	22.3	1.5220	1.50456	1.50911	1.52059	1.53058	(137)
$\text{C}_{11}\text{H}_{26}\text{Pb}$	Diethylpropylisobutyl lead.....	20	1.4890	1.50751	1.51195	1.52353	1.53359	(136)
$\text{C}_{11}\text{H}_{26}\text{Pb}$	Methylethyl- <i>n</i> -propylisobutyl lead.....	21.0	1.4792	1.50189	1.50636	1.51747	1.52720	(136)
$\text{C}_{11}\text{H}_{26}\text{Pb}$	Tri- <i>n</i> -propylethyl lead.....	21.3	1.4846	1.50703	1.51149	1.52290	1.53299	(137)
$\text{C}_{12}\text{H}_{28}\text{Pb}$	Diethylpropylisobutyl lead.....	22.1	1.4392	1.50217	1.50655	1.51758	1.52721	(136)
$\text{C}_{13}\text{H}_{30}\text{Pb}$	Triisobutylmethyl lead.....	19.6	1.3977	1.49883	1.50321	1.51397	1.52324	(137)
$\text{C}_{13}\text{H}_{30}\text{Pb}$	Tri- <i>n</i> -propylisobutyl lead.....	22.6	1.4034	1.50235	1.50673	1.51766	1.52716	(137)
$\text{C}_{14}\text{H}_{32}\text{Pb}$	Triisobutylethyl lead.....	22.1	1.3758	1.50134	1.50552	1.51636	1.52573	(137)
$\text{C}_{14}\text{H}_{32}\text{Pb}$	Tri- <i>n</i> -propylisobutyl lead.....	21.0	1.3810	1.50049	1.50465	1.51535	1.52462	(137)
$\text{C}_{15}\text{H}_{34}\text{Pb}$	Triisobutyl- <i>n</i> -propyl lead.....	19.6	1.3505	1.50148	1.50561	1.51631	1.52554	(137)
$\text{C}_{16}\text{H}_{36}\text{Pb}$	Tetraisobutyl lead.....	20.2	1.3240	1.50004	1.50416	1.51461	1.52375	(137)
$\text{C}_{16}\text{H}_{36}\text{Pb}$	Triisobutylmethyl lead.....	22	1.3134	1.49226	1.49618	1.50612	1.51477	(137)
$\text{C}_{17}\text{H}_{38}\text{Pb}$	Triisobutylethyl lead.....	19.6	1.2922	1.49425	1.49825	1.50818	1.51669	(137)
$\text{C}_{17}\text{H}_{38}\text{Pb}$	Triisobutylisobutyl lead.....	20.6	1.2976	1.49696	1.50097	1.51118	1.51989	(137)
$\text{C}_{18}\text{H}_{40}\text{Pb}$	Triisobutyl- <i>n</i> -propyl lead.....	22	1.2737	1.49324	1.49703	1.50696	1.51542	(137)
$\text{C}_{19}\text{H}_{42}\text{Pb}$	Triisobutylisobutyl lead.....	19.5	1.2522	1.49242	1.49618	1.50597	1.51428	(137)
$\text{C}_{20}\text{H}_{44}\text{Pb}$	Tetraisoamyl lead.....	20.5	1.2332	1.49075	1.49457	1.50404	1.51232	(137)

LITERATURE

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