

Table 10-1 REFRACTIVE INDEX, DIPOLE MOMENT, AND RADIUS OF GYRATION - ORGANIC COMPOUNDS (continued)

NO	FORMULA	NAME	Refractive Index		Dipole Moment		Radius of Gyration
			T, C	Value @ T	State	Debye	Angstrom
1249	C15H32S	ETHYL-TRIDECYL-SULFIDE	—	—	—	—	—
1250	C15H32S	METHYL-TETRADECYL-SULFIDE	25.0	1.4607	—	—	—
1251	C15H32S	1-PENTADECANETHIOL	25.0	1.4604	—	—	—
1252	C16H10	FLUORANTHENE	—	—	in benzene	0.00	5.357
1253	C16H10	PYRENE	—	—	in benzene	0.00	5.152
1254	C16H12	1-PHENYLNAPHTHALENE	—	—	in benzene	0.00	5.641
1255	C16H20	1-n-HEXYLNAPHTHALENE	25.0	1.5628	—	—	6.518
1256	C16H22O4	DIBUTYL PHTHALATE	25.0	1.4901	in benzene	2.75	7.475
1257	C16H26	n-DECYLBENZENE	25.0	1.4811	—	—	7.108
1258	C16H26	PENTAETHYLBENZENE	—	—	—	—	—
1259	C16H30	1-HEXADECYNE	25.0	1.4430	—	—	—
1260	C16H32	n-DECYLCYCLOHEXANE	25.0	1.4514	—	—	7.225
1261	C16H32	1-CYCLOPENTYLUNDECANE	—	—	—	—	—
1262	C16H32	1-HEXADECENE	25.0	1.4391	—	—	6.985
1263	C16H32O2	n-HEXADECANOIC ACID	60.0	—	in benzene	0.72	7.725
1264	C16H34	n-HEXADECANE	25.0	1.4325	gas	0.00	7.063
1265	C16H34O	DI-n-OCTYL ETHER	25.0	1.4305	—	—	7.360
1266	C16H34O	1-HEXADECANOL	49.9	—	in benzene	1.67	7.307
1267	C16H34S	BUTYL-DODECYL-SULFIDE	—	—	—	—	—
1268	C16H34S	ETHYL-TETRADECYL-SULFIDE	—	—	—	—	—
1269	C16H34S	METHYL-PENTADECYL-SULFIDE	25.0	1.4615	—	—	—
1270	C16H34S	OCTYL-SULFIDE	—	—	—	—	—
1271	C16H34S	PROPYL-TRIDECYL-SULFIDE	—	—	—	—	—
1272	C16H34S	1-HEXADECANETHIOL	25.0	1.4611	—	—	—
1273	C16H34S2	OCTYL-DISULFIDE	25.0	1.4820	in benzene	1.99	7.474
1274	C17H28	n-UNDECYLBENZENE	25.0	1.4807	—	—	7.325
1275	C17H32	1-HEPTADECYNE	25.0	1.4410	—	—	—
1276	C17H34	1-CYCLOPENTYLDODECANE	—	—	—	—	—
1277	C17H34	1-CYCLOHEXYLUNDECANE	—	—	—	—	—
1278	C17H34	1-HEPTADECENE	25.0	1.4410	—	—	7.355
1279	C17H36	n-HEPTADECANE	25.0	1.4348	gas	0.00	7.590
1280	C17H36O	1-HEPTADECANOL	—	—	—	—	—
1281	C17H36S	BUTYL-TRIDECYL-SULFIDE	—	—	—	—	—
1282	C17H36S	ETHYL-PENTADECYL-SULFIDE	—	—	—	—	—
1283	C17H36S	HEXADECYL-METHYL-SULFIDE	25.0	1.4621	—	—	—
1284	C17H36S	PROPYL-TETRADECYL-SULFIDE	—	—	—	—	—
1285	C17H36S	1-HEPTADECANETHIOL	—	—	—	—	—
1286	C18H12	CHRYSENE	19.9	—	in benzene	0.70	5.740
1287	C18H14	m-TERPHENYL	—	—	—	—	6.506
1288	C18H14	o-TERPHENYL	—	—	—	—	5.899
1289	C18H14	p-TERPHENYL	—	—	in benzene	0.60	6.371
1290	C18H15P	TRIPHENYLPHOSPHINE	19.9	—	in benzene	1.39	5.601
1291	C18H15O4P	TRIPHENYL PHOSPHATE	59.9	—	in benzene	2.81	7.103
1292	C18H16N2	N,N'-DIPHENYL-p-PHENYLENEDIAMINE	—	—	in benzene	1.60	6.755
1293	C18H22	2,3-DIMETHYL-2,3-DIPHENYLBUTANE	—	—	in benzene	0.00	5.361
1294	C18H22O2	DICUMYL PEROXIDE	25.0	—	—	—	6.536
1295	C18H30	n-DODECYLBENZENE	25.0	1.4803	—	—	7.796
1296	C18H30	HEXAETHYLBENZENE	—	—	—	—	—
1297	C18H32O2	LINOLEIC ACID	19.9	1.4699	in benzene	1.22	10.520
1298	C18H34	1-OCTADECYNE	—	—	—	—	—
1299	C18H34O2	OLEIC ACID	19.9	1.4582	liquid	1.44	10.430
1300	C18H34O4	DIBUTYL SEBACATE	25.0	1.4397	not specified	2.48	10.290
1301	C18H34O4	DIHEXYL ADIPATE	25.0	1.4397	—	—	9.488
1302	C18H36	1-CYCOPENTYLTRIDECANE	—	—	—	—	—
1303	C18H36	1-CYCLOHEXYLDODECANE	25.0	1.4428	—	—	7.589
1304	C18H36	1-OCTADECENE	25.0	—	in dioxane	1.76	8.560
1305	C18H36O2	STEARIC ACID	20.0	—	gas	0.00	7.655
1306	C18H38	n-OCTADECANE	19.9	1.4356	—	—	7.266
1307	C18H38O	DINONYL ETHER	25.0	—	in CCl4	1.70	7.930
1308	C18H38O	1-OCTADECANOL	—	—	—	—	—
1309	C18H38S	BUTYL-TETRADECYL-SULFIDE	—	—	—	—	—
1310	C18H38S	ETHYL-HEXADECYL-SULFIDE	—	—	—	—	—
1311	C18H38S	HEPTADECYL-METHYL-SULFIDE	—	—	—	—	—
1312	C18H38S	NONYL-SULFIDE	—	—	—	—	—
1313	C18H38S	PENTADECYL-PROPYL-SULFIDE	—	—	—	—	—
1314	C18H38S	1-OCTADECANETHIOL	25.0	1.4810	—	—	—
1315	C18H38S2	NONYL-DISULFIDE	25.0	1.5455	gas	0.00	7.732
1316	C19H26	1-n-NONYLNAPHTHALENE	25.0	1.4800	—	—	8.189
1317	C19H32	n-TRIDECYLBENZENE	—	—	—	—	—
1318	C19H36	1-NONADECYNE	19.9	1.4521	—	—	10.450
1319	C19H36O2	METHYL OLEATE	—	—	—	—	—
1320	C19H38	1-CYCLOPENTYLTETRADECANE	—	—	—	—	7.850
1321	C19H38	1-CYCLOHEXYLTRIDECANE	25.0	1.4450	—	—	8.686
1322	C19H38	1-NONADECENE	25.0	—	—	—	7.983
1323	C19H38O2	NONADECANOIC ACID	20.0	—	gas	0.00	—
1324	C19H40	n-NONADECANE	—	—	—	—	—
1325	C19H40O	1-NONADECANOL	—	—	—	—	—
1326	C19H40S	BUTYL-PENTADECYL-SULFIDE	—	—	—	—	—