

TABLE I. ALKANES AND CYCLOALKANES
a) Gases and Liquids (Listed in order of increasing b.p.)***

No	Name	Boiling point, °C	Melting point, °C	n_D^{20}	D_4^{20}
1	Methane	-161.49	-182.48 ^T		
2	Ethane	-88.63	-183.27 ^T		
3	Propane	-42.07	-187.69 ^T		0.5005 ^S
4	Cyclopropane	-32.86	-127.42		0.720-79
5	2-Methylpropane (Isobutane)	-11.73	-159.6		0.5572 ^S
6	<i>n</i> -Butane	-0.50	-138.35	1.3326 ^S	0.5788 ^S
7	2,2-Dimethylpropane (Neopentane)	9.503	-16.55	1.342 ^S	0.5910 ^S
8	Cyclobutane	13.08 ⁷⁴¹ , 12.5	-80	1.37520 ⁰	0.7038 ⁰
9	1,1-Dimethylcyclopropane	20.63	-108.96	1.3668	0.6589
10	2-Methylbutane	27.852	-159.9	1.35373	0.61967
11	<i>trans</i> -1,2-Dimethylcyclopropane	29		1.3713	0.6769
12	Ethylcyclopropane	35.94	-149.41	1.3786	0.6839
13	<i>n</i> -Pentane	36.074	-129.721	1.35748	0.62624
14	Methylcyclobutane	36.3		1.3830	0.6933
15	<i>cis</i> -1,2-Dimethylcyclopropane	37	-140.9	1.3822	0.6928
16	Spiropentane	38.977	-107.06	1.41200	0.755
17	Cyclopentane	49.262	-93.879	1.40645	0.74538
18	2,2-Dimethylbutane	49.741	-99.87	1.36876	0.64916
19	1,1,2-Trimethylcyclopropane	56.7 ⁷⁵⁰		1.3848 ^{19 S}	0.6822 ^{19 S}
20	2,3-Dimethylbutane	57.988	-128.538	1.37495	0.66164
21	2-Methylpentane	60.271	-153.67	1.37145	0.65315
22	3-Methylpentane	63.282		1.37652	0.66431
23	1,2,3-Trimethylcyclopropane	65.7 ⁷⁵⁵		1.3945 ¹⁸	0.6946 ¹⁸
24	<i>n</i> -Hexane	68.74	-95.348	1.37486	0.65937
25	Ethylcyclobutane	70.64	-142.85	1.4020	0.7280
26	Methylcyclopentane	71.812	-142.455	1.4097	0.74864
27	2,2-Dimethylpentane	79.197	-123.811	1.38215	0.67385
28	2,4-Dimethylpentane	80.5	-119.242	1.38145	0.67270
29	Cyclohexane	80.738	6.554	1.42623	0.77855
30	2,2,3-Trimethylbutane	80.882	-24.912	1.38944	0.69011
31	3,3-Dimethylpentane	86.064	-134.46	1.39092	0.69327
32	1,1-Dimethylcyclopentane	87.846	-69.795	1.41356	0.75448
33	2,3-Dimethylpentane	89.784		1.39196	0.69508
34	2-Methylhexane	90.052	-118.276	1.38485	0.67859
35	<i>trans</i> -1,3-Dimethylcyclopentane	90.773	-133.702	1.40894	0.74479
36	<i>cis</i> -1,3-Dimethylcyclopentane	91.725	-133.975	1.41074	0.74880
37	3-Methylhexane	91.850		1.38864	0.68713
38	<i>trans</i> -1,2-Dimethylcyclopentane	91.869	-117.58	1.41200	0.75144
39	3-Ethylpentane	93.475	-118.604	1.39339	0.69816
40	Quadracyclane (Quadricyclo [2,2,1,0 ² ,0 ³ ,0 ⁵] heptane)	98		1.4804	
41	<i>n</i> -Heptane	98.427	-90.61	1.38764	0.68376
42	2,2,4-Trimethylpentane	99.238	-107.38	1.39145	0.69192
43	<i>cis</i> -1,2-Dimethylcyclopentane	99.532	-53.892	1.42217	0.77262
44	Methylcyclohexane	100.934	-126.593	1.42312	0.76939
45	Ethylcyclopentane	103.466	-138.446	1.41981	0.76647
46	1,1,3-Trimethylcyclopentane	104.893	-142.44	1.41119	0.74825
47	2,2-Dimethylhexane	106.84	-121.18	1.39349	0.69528
48	2,5-Dimethylhexane	109.103	-91.20	1.39246	0.69354
49	1,trans-2,cis-4-Trimethylcyclopentane	109.29	-130.78	1.41060	0.74727
50	2,4-Dimethylhexane	109.429		1.39534	0.70036
51	2,2,3-Trimethylpentane	109.841	-112.27	1.40295	0.71602
52	1,trans-2,cis-3-Trimethylcyclopentane	110.2	-112.705	1.4138	0.7535
53	3,3-Dimethylhexane	111.969	-126.1	1.40009	0.7100
54	2,3,4-Trimethylpentane	113.467	-109.21	1.40422	0.71906
55	1,1,2-Trimethylcyclopentane	113.729	-21.64	1.42298	0.77252
56	2,3,3-Trimethylpentane	114.76	-100.70	1.40750	0.72619
57	2,3-Dimethylhexane	115.607		1.40113	0.71214
58	3-Ethyl-2-methylpentane	115.65	-114.96	1.40401	0.71932

*Derivative data given in order m p, crystal color, solvent from which crystallized

**T = triple point, S = at saturation pressure

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No	Name	Boiling point, °C	Melting point, °C	n _D ²⁰	D ₄ ²⁰
59	1, <i>cis</i> -2, <i>trans</i> -4-Trimethylcyclopentane	116 731	-132 55	1 41855	0 76345
60	1, <i>cis</i> -2, <i>trans</i> -3-Trimethylcyclopentane	117 5	-112	1 4218	0 7704
61	2-Methylheptane	117 647	-109 04	1 39494	0 69792
62	4-Methylheptane	117 709	-120 955	1 39792	0 70463
63	3,4-Dimethylhexane	117 725		1 40406	0 71923
64	1, <i>cis</i> -2, <i>cis</i> -4-Trimethylcyclopentane	118		1 422	0 766
65	3-Ethyl-3-methylpentane	118 259	-90 87	1 40775	0 72742
66	3-Ethylhexane	118 534		1 40162	0 71358
67	3-Methylheptane	118 925	-120 5	1 39848	0 70582
68	Cycloheptane (Suberane)	118 20	-7 98	1 4449	0 8275°
69	<i>trans</i> -1,4-Dimethylcyclohexane	119 351	-36 962	1 42090	0 76255
70	1,1-Dimethylcyclohexane	119 543	-33 495	1 42900	0 78094
71	<i>cis</i> -1,3-Dimethylcyclohexane	120 088	-75 573	1 42294	0 76603
72	<i>trans</i> -1-Ethyl-3-methylcyclopentane	120 8	-108	1 4186	0 7619
73	<i>trans</i> -1-Ethyl-2-methylcyclopentane	121 2		1 4219	0 7690
74	<i>cis</i> -1-Ethyl-3-methylcyclopentane	121 4		1 4203	0 7724
75	1-Ethyl-1-methylcyclopentane	121 522	-143 80	1 42718	0 78093
76	2,2,4,4-Tetramethylpentane	122 284	-66 54	1 40694	0 71947
77	1, <i>cis</i> -2, <i>cis</i> -3-Trimethylcyclopentane	123 0	-116 43	1 4262	0 7792
78	<i>trans</i> -1,2-Dimethylcyclohexane	123 419	-88 194	1 42695	0 77601
79	2,2,5-Trimethylhexane	124 084	-105 78	1 39972	0 70721
80	<i>cis</i> -1,4-Dimethylcyclohexane	124 321	-87 436	1 42966	0 78285
81	<i>trans</i> -1,3-Dimethylcyclohexane	124 45	-90 108	1 43085	0 78472
82	<i>n</i> -Octane	125 665	-56 795	1 39743	0 70252
83	Isopropylcyclopentane	126 419	-111 375	1 42582	0 77653
84	2,2,4-Trimethylhexane	126 54	-120	1 4033	0 7156
85	<i>cis</i> -1-Ethyl-2-methylcyclopentane	128 050	-105 95	1 42933	0 78522
86	<i>cis</i> -1,2-Dimethylcyclohexane	129 728	-50 023	1 43596	0 79627
87	2,4,4-Trimethylhexane	130 38	-113 38	1 40745	0 72381
88	<i>n</i> -Propylcyclopentane	130 8	-118 7	1 4266	0 7761
89	2,3,5-Trimethylhexane	131 34	-127 8	1 4061	0 7219
90	Ethylcyclohexane	131 783	-111 323	1 43304	0 78792
91	2,2-Dimethylheptane	132 69	-113 0	1 4016	0 7105
92	2,2,3,4-Tetramethylpentane	133 016	-121 09	1 41472	0 73895
93	2,4-Dimethylheptane	133 5		1 4033	0 716
94	Methylcycloheptane	133 5		1 4410	0 8052
95	2,2,3-Trimethylhexane	133 6		1 4105	0 7292
96	4-Ethyl-2-methylhexane	133 8		1 4068	0 723
97	3-Ethyl-2,2-dimethylpentane	133 83	-99 2	1 4123	0 7348
98	4,4-Dimethylheptane	135 2		1 4076	0 725
99	2,6-Dimethylheptane	135 21	-102 9	1 4007	0 7089
100	2,5-Dimethylheptane	136 0		1 4038	0 715
101	3,5-Dimethylheptane	136 0		1 4067	0 723
102	Bicyclo[4.2.0]octane	136 0		1 4613	0 8573
103	<i>cis</i> -Bicyclo[3.3.0]octane	136-6 5		1 4595 ²⁵	0 8638 ²⁵
104	2,4-Dimethyl-3-ethylpentane	136 73	-122 2	1 4137	0 7379
105	1,1,3-Trimethylcyclohexane	137-8		1 4362	0 7868 ²⁵
106	3,3-Dimethylheptane	137 3		1 4085	0 725
107	2,2,5,5-Tetramethylhexane	137 5		1 40550	0 71875
108	2,3,3-Trimethylhexane	137 68	-116 80	1 4141	0 738
109	3-Ethyl-2-methylhexane	138		1 4120	0 731
110	<i>trans</i> -1,3,5-Trimethylcyclohexane	138 5-9 ⁷⁵⁴		1 42740 _H	0 7720
111	2,3,4-Trimethylhexane	139 0		1 4144	0 7392
112	<i>cis</i> -1,3,5-Trimethylcyclohexane	140-0 5 ⁷⁵²		1 43010 _H	0 7773
113	<i>trans</i> -1,2,4-Trimethylcyclohexane	140-1		1 43121 _{He}	0 7813
114	2,2,3,3-Tetramethylpentane	140 274	-9 9	1 42360	0 75666
115	4-Ethyl-3-methylhexane	140 4		1 416	0 742
116	3,3,4-Trimethylhexane	140 46	-101 2	1 4178	0 7454
117	2,3-Dimethylheptane	140 5		1 4085	0 7260

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No	Name	Boiling point, °C	Melting point, °C	n_D^{20}	D_4^{20}
118	3,4-Dimethylheptane	140.6		1.4111	0.7314
119	3-Ethyl-3-methylhexane	140.6		1.4142	0.741
120	4-Ethylheptane	141.2		1.4096	0.730
121	2,3,3,4-Tetramethylpentane	141.551	-102.123	1.42222	0.75473
122	2,3-Dimethyl-3-ethylpentane	142		1.419	0.754
123	<i>trans</i> -1,2,3-Trimethylcyclohexane	142.35 ⁷⁸²		1.43582 _{He}	0.7914
124	1-Isopropyl-3-methylcyclopentane (Pulegan)	142.4		1.4236	0.7730 ²²
125	4-Methyloctane	142.48	-113.2	1.4061	0.7199
126	1-Isopropyl-2-methylcyclopentane	142.5 ⁷⁵⁹		1.4279	0.7792
127	3-Ethylheptane	143.0		1.4093	0.727
128	2-Methyloctane	143.26	-80.4	1.4031	0.7134
129	<i>cis</i> -1,2,3-Trimethylcyclohexane	144-6 ⁷⁵³		1.43682 _{He}	0.7930
130	3-Methyloctane	144.18	-107.6	1.4062	0.7207
131	2,4,6-Trimethylheptane	144.8		1.4071	0.7225
132	<i>cis</i> -1,2,4-Trimethylcyclohexane	146		1.43209	0.786
133	3,3-Diethylpentane	146.168	-33.11	1.42051	0.75359
134	2,2-Dimethyl-4-ethylhexane	147		1.4131	0.733
135	2,2,4-Trimethylheptane	147.7		1.4092	0.7275
136	2,2,4,5-Tetramethylhexane	147.8		1.41318	0.73546
137	2,2,5-Trimethylheptane	148		1.409	0.726
138	2,2,6-Trimethylheptane	148.2		1.4059	0.7195
139	2,2,3,5-Tetramethylhexane	148.4		1.4142	0.7378
140	Nopinane (7,7-Dimethylbicyclo[3.1.1]heptane)	149 ⁷⁴⁷		1.4641	0.8611 ²²
141	<i>trans</i> -1-Ethyl-4-methylcyclohexane	149.05-15	-80.8	1.4304	0.7798
142	Cyclooctane	150 ⁷⁵⁰	14(4.3)	1.4586	0.8349
143	1-Ethyl-2-methylcyclohexane	150.2		1.432	0.784
144	<i>n</i> -Nonane	150.81	-53.519	1.40542	0.71763
145	1,3,3-Trimethylbicyclo[2.2.1]heptane (Fenchane)	151.2		1.44714	0.8345
146	<i>trans</i> -1-Ethyl-4-methylcyclohexane	151.69		1.4382	0.7972
147	<i>cis</i> -1,1,3,5-Tetramethylcyclohexane	152.4-5		1.4319	0.7813
148	<i>cis</i> -1-Ethyl-4-methylcyclohexane	152.55-60		1.4374	0.7969
149	2,5,5-Trimethylheptane	152.8		1.4136	0.7368
150	2,4,4-Trimethylheptane	153		1.412	0.733
151	2,3,3,5-Tetramethylhexane	153		1.4196	0.746
152	2,2,4,4-Tetramethylhexane	153.3		1.4208	0.7470
153	Isopropylcyclohexane	154.5	-89.8	1.44095	0.80232
154	1,1,3,3-Tetramethylcyclohexane	154.8-5.0		1.4374	0.7936
155	2,2,3,4-Tetramethylhexane	154.9		1.4226	0.7548
156	2,2-Dimethyloctane	155		1.4082	0.7245
157	3-Ethyl-2,2,4-trimethylpentane	155.3		1.4223	0.7571
158	3,3,5-Trimethylheptane	155.6		1.4170	0.7428
159	2,3,6-Trimethylheptane	155.7		1.4125	0.7345
160	2,4-Dimethyloctane	155.8-6.0		1.4090	0.7259 ²⁰
161	<i>d,l-cis</i> -1-Ethyl-3-methylcyclohexane	155.97		1.4432	0.8094
162	<i>d,l</i> -2,5-Dimethyloctane	156-8		1.4160	0.7370
163	1,1,3,5-Tetramethylcyclohexane	156.4-5		1.4370	0.7929
164	<i>n</i> -Butylcyclopentane	156.56	-107.985	1.4316	0.7846
165	<i>n</i> -Propylcyclohexane	156.724	-94.90	1.43705	0.79360
166	2,3,5-Trimethylheptane	157		1.416	0.741
167	2,5-Dimethyl-3-ethylhexane	157		1.416	0.741
168	2,4,5-Trimethylheptane	157		1.4160	0.741
169	2,4-Dimethyl-3-isopropylpentane	157		1.42463	0.75830
170	2,2,3-Trimethylheptane	158		1.417	0.7420
171	2,4-Dimethyl-4-ethylhexane	158		1.419	0.747
172	2,2-Dimethyl-3-ethylhexane	159		1.420	0.749
173	2,2,3,4,4-Pentamethylpentane	159.3		1.43069	0.76703
174	1,1,3,4-Tetramethylcyclohexane	159.5-6.1		1.4380	0.7976
175	5-Ethyl-2-methylheptane	159.7		1.4134	0.736
176	2,7-Dimethyloctane	159.9		1.4086	0.7242

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No	Name	Boiling point, °C	Melting point, °C	n_D^{20}	D_4^{20}
177	3,6-Dimethyloctane	160		1.4145 ¹⁸	0.7363
178	3,5-Dimethyloctane	160		1.413	0.736
179	4-Isopropylheptane	160		1.417	0.741
180	2,3,3-Trimethylheptane	160		1.4202	0.7488
181	4-Ethyl-2-methylheptane	160		1.413	0.736
182	2,6-Dimethyloctane	160-0.5		1.4113	0.7285
183	2,2,3,3-Tetramethylhexane	160.3		1.42818	0.76446
184	<i>trans</i> -1-Isopropyl-4-methylcyclohexane (<i>p</i> -Menthane)	161		1.4393	0.792
185	4,4-Dimethyloctane	161		1.4144	0.7347
186	2,3,4,5-Tetramethylhexane	161		1.424	0.757
187	5-Ethyl-3-methylheptane	161		1.414	0.737
188	3,3-Dimethyloctane	161.2		1.4165	0.7390
189	4,5-Dimethyloctane	162		1.4173	0.7458
190	3,4-Diethylhexane	162		1.420	0.754
191	4-Propylheptane	162		1.4150	0.7364
192	1,1,4-Trimethylcycloheptane (Eucarvane)	162.3 ⁷²⁰		1.4420	0.8011
193	<i>trans</i> -1,2,3,5-Tetramethylcyclohexane	162.4		1.4465 ^{7He}	0.8140
194	2,3,4,4-Tetramethylhexane	162.2		1.4270	0.7639
195	2,3,4-Trimethylheptane	163		1.421	0.751
196	3-Isopropyl-2-methylhexane	163		1.421	0.751
197	2,2,7-Trimethylbicyclo[2.2.1]heptane (α -Fenchane)	163.5.4.5 ⁷⁵³		1.4590	0.8579
198	3-Ethyl-3-methylheptane	163.8		1.4208	0.7501
199	2,4-Dimethyl-3-ethylhexane	164		1.424	0.759
200	3,4,4-Trimethylheptane	164		1.424	0.757
201	3,3,4-Trimethylheptane	164		1.424	0.757
202	3,4,5-Trimethylheptane	164		1.424	0.759
203	2,3-Dimethyl-4-ethylhexane	164		1.424	0.759
204	1-Methyl-3-propylcyclohexane	164-5 (171.3)		1.4377	0.7895 ²¹
205	2,3-Dimethyloctane	164.4.4.6 ⁷⁶⁴		1.4152	0.7377
206	<i>d,l</i> -Pinane	164.5.5.0		1.4609	0.8551
207	2,3,3,4-Tetramethylhexane	164.6		1.4297	0.7694
208	3,3-Dimethyl-4-ethylhexane	165		1.427	0.764
209	5-Methylnonane	165.1	-87.7	1.4122	0.7326
210	4-Methylnonane	165.7	-98.7	1.4123	0.7323
211	3-Ethyl-2-methylheptane	166		1.418	0.746
212	3,4-Dimethyloctane	166		1.4182	0.746
213	<i>d</i> - α -Pinane	166.6.5 ⁷⁶²		1.4630	0.8560
214	<i>d,l</i> -1-Isopropyl-3-methylcyclohexane (<i>d,l-m</i> -Menthane)	166.7		1.44 ²⁴	0.7965 ²⁴
215	2,2,3,3,4-Pentamethylpentane	166.1		1.43606	0.78009
216	<i>trans</i> -1,2,4,5-Tetramethylcyclohexane	166.2-8.0		1.44446 ^{He}	0.8100
217	3,3-Diethylhexane	166.3		1.428	0.767
218	2-Methylnonane	166.8	-74.5	1.4099	0.7281
219	<i>d</i> -1-Isopropyl-3-methylcyclohexane (<i>d-m</i> -Menthane)	167		1.446 ²³	0.8116 ²³
220	3-Ethyl-4-methylheptane	167		1.422	0.753
221	4-Ethyl-3-methylheptane	167		1.422	0.753
222	4-Ethyl-4-methylheptane	167		1.421	0.752
223	<i>l</i> - β -Pinane	167.5-8 ⁷⁴⁸		1.4605	0.8567
224	3-Methylnonane	167.8	-84.8	1.4125	0.7334
225	3-Ethylheptane	168		1.416	0.740
226	4-Ethylheptane	168		1.416	0.740
227	3-Ethyl-2,2,3-trimethylpentane	168		1.436	0.781
228	<i>l</i> -1-Isopropyl-3-methylcyclohexane (<i>l-m</i> -Menthane)	168		1.4358	0.7938
229	<i>cis</i> -1-Isopropyl-4-methylcyclohexane (<i>cis-p</i> -Menthane ^e)	168.5		1.4515	0.816
230	<i>cis</i> -1,2,3,5-Tetramethylcyclohexane	168-70 ⁷⁶²		1.44847 ^{He}	0.8166
231	2,3-Dimethyl-3-ethylhexane	169		1.427	0.765

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No	Name		Boiling point, °C	n _D ²⁰	D ₄ ²⁰
232	1-Isopropyl-4-methylcyclohexane (<i>p</i> -Menthane)	169 70		1 4375 ²¹	0 7929
233	3,4-Dimethyl-3-ethylhexane	170		1 431	0 772
234	3,3,4,4-Tetramethylhexane	170		1 4368	0 7824
235	Cyclononane	170-2	9 7	1 4328 ¹⁶	0 8534 ^{15,2}
236	1-Isopropyl-2-methylcyclohexane (<i>o</i> -Menthane)	171		1 447 ²¹	0 8135 ²¹
237	<i>cis</i> -1,2,4,5-Tetramethylcyclohexane	171 ⁷⁵⁵		1 44647 _{He}	0 8122
238	1-Methyl-1-propylcyclohexane	172		1 4440	0 8101
239	<i>n</i> -Decane	174 123	-29 661	1 41189	0 73005
240	1-Methyl-4-propylcyclohexane	174 3-7 1		1 4393	0 798
241	1-Methyl-2-propylcyclohexane	175 5 6 0 ^{7 6}		1 4468 ¹⁹	0 8130 ¹⁹
242	<i>n</i> -Pentylcyclopentane	180 60 ¹⁰	-83	1 4358	0 7912
243	<i>n</i> -Butylcyclohexane	180 947	-74 725	1 44075	0 79918
244	<i>trans</i> -Decahydronaphthalene (<i>trans</i> -Decalin)	187 25	-30 40	1 4695	0 8699
245	Isoamylcyclohexane	193		1 4423	0 8023
246	<i>cis</i> -Decahydronaphthalene (<i>cis</i> -Decalin)	195 69	-43 01	1 4810	0 8965
247	<i>n</i> -Undecane (<i>n</i> Hendecane)	195 89	-25 594	1 41716	0 74017
248	Cyclodecane	201	9 6	1 4692	0 8577 ^{20,4}
249	<i>n</i> -Pentylcyclohexane	202 8	-57 5	1 4437	0 8037
250	<i>n</i> -Hexylcyclopentane	203		1 4392	0 7965
251	9-Methyl- <i>trans</i> -decahydronaphthalene	205, 77 ¹⁰		1 4631	0 8620
252	1,10-Dimethyl- <i>trans</i> -decahydronaphthalene	213 83 ¹⁰		1 4659	0 8633
253	9-Methyl- <i>cis</i> -decahydronaphthalene	215 85 ¹⁰		1 4804	0 8910
254	<i>n</i> -Dodecane	216 278, 51 84 ¹	-9 587 (-12)	1 42160	0 74869
255	1,10-Dimethyl- <i>cis</i> -decahydronaphthalene	220, 88 99 ¹⁰		1 4812	0 8896
256	<i>n</i> -Hexylcyclohexane	224 0, 92 0 ¹⁰	-43	1 4462	0 8076
257	<i>n</i> -Heptylcyclopentane	224		1 4421	0 8010
258	9-Ethyl- <i>trans</i> -decahydronaphthalene	225 93 06 ¹⁰		1 466	0 8610
259	9-Ethyl- <i>cis</i> -decahydronaphthalene	233 99 ¹⁰		1 480	0 8860
260	1-Methyl- <i>trans</i> -decahydronaphthalene	235, 101 ¹⁰		1 4270	
261	<i>n</i> -Tridecane	235 44 66 35 ¹	-5 392	1 4256	0 7564
262	Bicyclohexyl	236 5 7 5, 100 ¹⁰	3 5-4 0	1 4795	0 8848
263	<i>n</i> -Octylcyclopentane	243		1 4446	0 8048
264	<i>n</i> -Heptylcyclohexane	244		1 4484	0 8109
265	<i>n</i> -Tetradecane	235 57, 80 13 ¹	5 863	1 4289	0 7628
266	<i>n</i> -Nonylcyclopentane	262		1 4467	0 8081
267	<i>n</i> -Octylcyclohexane	264		1 4503	0 8138
268	<i>n</i> -Pentadecane	270 63, 93 26 ¹	9 926	1 4319	0 7685
269	<i>n</i> -Decylcyclopentane	279 3		1 44862	0 81097
270	<i>n</i> -Nonylcyclohexane	282		1 4519	0 8163
271	<i>n</i> -Undecylcyclopentane (<i>n</i> -Hendecylcyclopentane)	296		1 4503	0 8135
272	<i>n</i> -Decylcyclohexane	299		1 45338	0 81858
273	2-Methylheptadecane	311, 178 5 ¹⁵		1 4394 ¹⁴	0 7838 ¹⁵
274	<i>n</i> -Dodecylcyclopentane	312		1 4518	0 8158
275	<i>n</i> -Undecylcyclohexane (<i>n</i> -Hendecylcyclohexane)	316	5 8	1 4547	0 8206
276	<i>n</i> -Tridecylcyclopentane	327	5	1 4531	0 8178
277	<i>n</i> -Dodecylcyclohexane	331	12 5	1 4559	0 8223
278	<i>n</i> -Tetradecylcyclopentane	341	9	1 4543	0 8196

*Derivative data given in order m p, crystal color, solvent from which crystallized