

## 2 Tabulated Data on Vapor Pressure of Hydrocarbons

### 2.1 Hydrocarbons, C<sub>1</sub> to C<sub>7</sub>

Phase	Antoine constants			<i>T</i> -range [K]	Range [K], Rating	<i>T</i> <sub>b</sub> [K]/ <i>P</i> <sub>b</sub> [kPa]	Ref. Note
	<i>A</i> , ( <i>n</i> )	<i>B</i> [K], ( <i>E</i> )	<i>C</i> [K], ( <i>F</i> )				
<b>1</b>	<b>CH<sub>4</sub></b>		<b>Methane</b>				<b>74-82-8</b>
cr-g	6.31972	451.64	−4.66	58/89	48/90.69 B	111.63/101.325	74-trchc
l-g	5.7687	395.744	−6.469	92/118	90.69/115 A		74-trchc
l-g	5.7687 (2.51347)	395.744 (−6.0941)	−6.469 (369.43)	118/190	115/190.55 A		74-trchc
<b>2</b>	<b>C<sub>2</sub>H<sub>2</sub></b>		<b>Ethyne</b>				<b>74-86-2</b>
cr-g	8.08413	1148.97	−0.31	148/190	138/192.35 B	189.15/101.325	88-trchc
l-g	5.67374	528.67	−44.36	191/201	192.35/211 B		88-trchc
<b>3</b>	<b>C<sub>2</sub>H<sub>4</sub></b>		<b>Ethene</b>				<b>74-85-1</b>
l-g	5.82898	581.901	−17.787	103/122	93/122 B	169.41/101.325	86-trchc
l-g	5.91382	596.526	−16.78	122/188	122/174 A		86-trchc
l-g	5.91382 (2.79132)	596.53 (9.717)	−16.78 (52.77)	188/282	174/282.3 A		86-trchc
<b>4</b>	<b>C<sub>2</sub>H<sub>6</sub></b>		<b>Ethane</b>				<b>74-84-0</b>
cr-g	8.6388	1009.6	−3.15	81/89	71/90.35 B	184.55/101.325	74-trchc
l-g	6.0567	687.3	−14.46	90/133	90.35/133 A		74-trchc
l-g	5.95405	663.72	−16.469	133/198	133/190 A		74-trchc
l-g	5.95405 (2.79768)	663.72 (−55.054)	−16.469 (2992.1)	198/305	190/305.4 A		74-trchc
<b>5</b>	<b>C<sub>3</sub>H<sub>4</sub></b>		<b>Propadiene</b>				<b>463-49-0</b>
cr-g	8.7534	1434.94	0	115/134	106/136.85 C	238.65/101.325	95-trcnh
l-g	6.3495	971.15	−16.5	145/257	136.85/174 C		95-trcnh
l-g	5.6752	734.57	−38.41	178/257	174/253 B		95-trcnh
l-g	5.6752 (1.136)	734.57 (−265)	−38.41 (16325)	260/393	253/393 B		95-trcnh
<b>6</b>	<b>C<sub>3</sub>H<sub>4</sub></b>		<b>Propyne</b>				<b>74-99-7</b>
l-g	6.24555	935.09	−29.57	187/266	175/276 B	249.93/101.325	88-trchc
<b>7</b>	<b>C<sub>3</sub>H<sub>6</sub></b>		<b>Cyclopropane</b>				<b>75-19-4</b>
l-g	6.03084 (2.6672)	866.15 (−2.1533)	−25.15 (567.17)	258/398	247/398.2 B	240.35/101.325	75-trchc

Phase	Antoine constants			<i>T</i> -range [K]	Range [K], Rating	<i>T</i> <sub>b</sub> [K]/ <i>P</i> <sub>b</sub> [kPa]	Ref. Note
	<i>A</i> , ( <i>n</i> )	<i>B</i> [K], ( <i>E</i> )	<i>C</i> [K], ( <i>F</i> )				
<b>8</b>	<b>C<sub>3</sub>H<sub>6</sub></b>		<b>Propene</b>				<b>115-07-1</b>
l-g	6.48447	934.227	−14	100/163	89/163 B	225.46/101.325	86-trchc
l-g	5.95606	789.624	−25.57	163/238	163/240 A		86-trchc
l-g	5.95606 (2.67417)	789.62 (22.1292)	−25.57 (−199.34)	238/363	240/365 B		86-trchc
<b>9</b>	<b>C<sub>3</sub>H<sub>8</sub></b>		<b>Propane</b>				<b>74-98-6</b>
l-g	6.6956	1030.7	−7.79	101/165	85.5/167 B	231.07/101.325	74-trchc
l-g	5.92828	803.997	−26.11	270/248	167/237 A		74-trchc
l-g	5.92828 (2.55753)	803.997 (50.655)	−26.108 (−1408.9)	248/369	237/369.8 A		74-trchc
<b>10</b>	<b>C<sub>4</sub>H<sub>2</sub></b>		<b>Butadiyne, Diacetylene</b>				<b>460-12-8</b>
cr-g	10.22178	2707.520	59.540	188/240	188/240 D	234.06/10	26-strkol, 33-tan Note 1
l-g	5.33975	707.254	−71.198	237/283	235/285 C	265.46/50	26-strkol, 33-tan
<b>11</b>	<b>C<sub>4</sub>H<sub>4</sub></b>		<b>1-Buten-3-yne, Vinylacetylene</b>				<b>689-97-4</b>
l-g	6.61572	1205.758	−16.879	193/243	193/239 B	231.59/10	54-geocav, 71-gol, 31-niecal
l-g	5.32200	663.382	−78.500	233/299	237/300 C	278.54/101.325	54-geocav, 71-gol, 31-niecal, 75-vid-1
<b>12</b>	<b>C<sub>4</sub>H<sub>6</sub></b>		<b>1,2-Butadiene</b>				<b>590-19-2</b>
l-g	6.9608	1282.57	−8.6	140/200	137/205 C	284/101.325	95-trchc
l-g	6.315	1131.55	−21.2	209/290	205/306 B		95-trchc
<b>13</b>	<b>C<sub>4</sub>H<sub>6</sub></b>		<b>1,3-Butadiene</b>				<b>106-99-0</b>
l-g	5.9664	927.21	−34.52	206/212	188/275 B	268.74/101.325	95-trchc
l-g	5.9664 (2.5164)	927.21 (23.65)	−34.52 (1970.8)	280/425	275/425 B		95-trchc
<b>14</b>	<b>C<sub>4</sub>H<sub>6</sub></b>		<b>1-Butyne</b>				<b>107-00-6</b>
l-g	6.16676	1014.45	−37.41	210/300	200/310 B	281.24/101.325	88-trchc
<b>15</b>	<b>C<sub>4</sub>H<sub>6</sub></b>		<b>2-Butyne</b>				<b>503-17-3</b>
cr-g	6.16281	896.91	−74.09	227/240	217/240.9 B	300.14/101.325	88-trchc
l-g	6.18046	1093.44	−38.19	245/320	240.9/330 B		88-trchc
<b>16</b>	<b>C<sub>4</sub>H<sub>6</sub></b>		<b>Cyclobutene</b>				<b>822-35-5</b>
l-g	6.51606	1207.012	−7.966	197/276	200/276 B	275.58/101.325	41-hei
<b>17</b>	<b>C<sub>4</sub>H<sub>8</sub></b>		<b>1-Butene</b>				<b>106-98-9</b>
l-g	6.7447	1175.63	−13.52	120/194	110/194 B	266.92/101.325	86-trchc
l-g	5.9178	908.8	−34.615	194/288	194/278 A		86-trchc
l-g	5.9178 (2.1058)	908.8 (−66.743)	−34.61 (5100.7)	288/425	278/419.9 B		86-trchc

Phase	Antoine constants			<i>T</i> -range [K]	Range [K], Rating	<i>T</i> <sub>b</sub> [K]/ <i>P</i> <sub>b</sub> [kPa]	Ref. Note
	<i>A</i> , ( <i>n</i> )	<i>B</i> [K], ( <i>E</i> )	<i>C</i> [K], ( <i>F</i> )				
<b>18</b>	<b>C<sub>4</sub>H<sub>8</sub></b>		<b>(<i>E</i>)-2-Butene</b>				<b>624-64-6</b>
l-g	6.27279	1062.92	−23.86	168/201	167.6/201 B	274.03/101.325	86-trchc
l-g	6.00827	967.5	−32.31	201/288	201/282 A		86-trchc
l-g	6.00827 (2.7167)	967.5 (49.7721)	−32.31 (−1061.2)	288/428	282/428.6 B		86-trchc
<b>19</b>	<b>C<sub>4</sub>H<sub>8</sub></b>		<b>(<i>Z</i>)-2-Butene</b>				<b>590-18-1</b>
l-g	6.38127	1086.09	−26.17	136/203	134.3/203 B	276.87/101.325	86-trchc
l-g	6.00958	967.32	−35.277	205/298	203/292 A		86-trchc
l-g	6.00958 (2.603)	967.32 (47.1477)	−35.28 (−1082.1)	298/438	292/435.5 B		86-trchc
<b>20</b>	<b>C<sub>4</sub>H<sub>8</sub></b>		<b>Cyclobutane</b>				<b>287-23-0</b>
l-g	6.04436	1025.5	−31.72	210/308	200/295 B	285.66/101.325	75-trchc
l-g	6.04436 (2.174)	1025.5 (0)	−31.72 (0)	308/460	295/460 B		75-trchc
<b>21</b>	<b>C<sub>4</sub>H<sub>8</sub></b>		<b>Methylcyclopropane</b>				<b>594-11-6</b>
l-g	5.96539	952.41	−37.16	177/278	167/288 C	273.88/101.325	79-dykrep
<b>22</b>	<b>C<sub>4</sub>H<sub>8</sub></b>		<b>2-Methylpropene</b>				<b>115-11-7</b>
l-g	6.41259	1078.57	−19.41	133/194	123/194 B	266.24/101.325	86-trchc
l-g	5.80956	866.25	−38.51	194/288	194/280 A		86-trchc
l-g	5.80956 (1.599)	866.25 (−150.95)	−38.51 (9633)	288/425	280/417.9 B		86-trchc
<b>23</b>	<b>C<sub>4</sub>H<sub>10</sub></b>		<b>Butane</b>				<b>106-97-8</b>
l-g	6.0127	961.7	−32.14	138/196	134.8/196 B	272.64/101.325	74-trchc
l-g	5.93266	935.773	−34.361	196/298	196/288 A		74-trchc
l-g	5.93266 (2.14767)	935.773 (−175.62)	−34.361 (12204)	298/425	288/425.1 B		74-trchc
<b>24</b>	<b>C<sub>4</sub>H<sub>10</sub></b>		<b>2-Methylpropane</b>				<b>75-28-5</b>
l-g	5.32368	739.94	−43.15	120/188	110/188 B	261.36/101.325	74-trchc
l-g	6.00272	947.54	−24.28	188/278	188/268 A		74-trchc
l-g	6.00272 (2.6705)	947.54 (−19.64)	−24.28 (2792)	278/408	268/407.1 A		74-trchc
<b>25</b>	<b>C<sub>5</sub>H<sub>6</sub></b>		<b>Cyclopentadiene</b>				<b>542-92-7</b>
l-g	3.55810	183.257	−195.613	276/314	275/315 C	313.66/101.325	65-hulrei, 67-lesogo
<b>26</b>	<b>C<sub>5</sub>H<sub>6</sub></b>		<b>Ethynylcyclopropane</b>				<b>6746-94-7</b>
l-g	7.0100	1627	0.000	291/320	291/320 B	325.12/101.325	77-lebgut Note 2
<b>27</b>	<b>C<sub>5</sub>H<sub>8</sub></b>		<b>Bicyclo[2.1.0]pentane</b>				<b>185-94-4</b>
l-g	5.97871	1090.641	−44.597	296/315	295/318 A	312.20/80	74-vardru-3
<b>28</b>	<b>C<sub>5</sub>H<sub>8</sub></b>		<b>Cyclopentene</b>				<b>142-29-0</b>
l-g	6.04518	1121.202	−39.810	195/319	195/280 C, 280/320 A	317.37/101.325	50-forcam, 35-hei, 41-lis
<b>29</b>	<b>C<sub>5</sub>H<sub>8</sub></b>		<b>3-Methyl-1-butyne</b>				<b>598-23-2</b>
l-g	5.981	1025.6	−44.15	225/323	215/333 B	299.5/101.325	88-trchc

Phase	Antoine constants			<i>T</i> -range [K]	Range [K], Rating	<i>T</i> <sub>b</sub> [K]/ <i>P</i> <sub>b</sub> [kPa]	Ref. Note
	<i>A</i> , ( <i>n</i> )	<i>B</i> [K], ( <i>E</i> )	<i>C</i> [K], ( <i>F</i> )				
<b>30</b>	<b>C<sub>5</sub>H<sub>8</sub></b>		<b>2-Methyl-1, 3-butadiene</b>				<b>78-79-5</b>
l-g	6.2276	1160.8	−31.4	160/250	140/225 B	307.22/101.325	95-trchc
l-g	6.0266	1079.91	−38.63	253/318	225/338 B		95-trchc
<b>31</b>	<b>C<sub>5</sub>H<sub>8</sub></b>		<b>3-Methyl-1, 2-butadiene</b>				<b>598-25-4</b>
l-g	6.6507	1342.03	−22.2	180/251	160/225 B	314/101.325	95-trchc
l-g	6.1009	1120.26	−40.42	250/328	235/350 A		95-trchc
<b>32</b>	<b>C<sub>5</sub>H<sub>8</sub></b>		<b>1-Methylcyclobutene</b>				<b>1489-60-7</b>
l-g	6.3291	1362.2	0	290/316	286/322 C		79-dykrep
<b>33</b>	<b>C<sub>5</sub>H<sub>8</sub></b>		<b>Methylenecyclobutane</b>				<b>1120-56-5</b>
l-g	6.03165	1100.497	−41.999	274/348	270/350 A	315.35/101.325	75-lebleb, 80-osbsco
<b>34</b>	<b>C<sub>5</sub>H<sub>8</sub></b>		<b>1,2-Pentadiene</b>				<b>591-95-7</b>
l-g	6.0536	1122.72	−41.5	160/230	145/235 B	318.01/101.325	95-trchc
l-g	6.04914	1107.9	−43.99	249/335	235/350 A		95-trchc
<b>35</b>	<b>C<sub>5</sub>H<sub>8</sub></b>		<b>(<i>E</i>)-1,3-Pentadiene</b>				<b>2004-70-8</b>
l-g	6.3972	1251.59	−28.4	200/255	185/235 B	315.18/101.325	95-trchc
l-g	6.0544	1112.26	−40.44	250/330	235/350 B		95-trchc
<b>36</b>	<b>C<sub>5</sub>H<sub>8</sub></b>		<b>(<i>Z</i>)-1,3-Pentadiene</b>				<b>1574-41-0</b>
l-g	6.1976	1176.14	−36.4	236/252	224/235 A	317.22/101.325	95-trchc
l-g	6.0595	1114.03	−42.39	252/325	235/350 A		95-trchc
<b>37</b>	<b>C<sub>5</sub>H<sub>8</sub></b>		<b>1,4-Pentadiene</b>				<b>591-93-5</b>
l-g	5.9643	1030.27	−39.5	150/237	140/220 B	299.12/101.325	95-trchc
l-g	5.9904	1032.25	−40.05	235/310	220/330 A		95-trchc
<b>38</b>	<b>C<sub>5</sub>H<sub>8</sub></b>		<b>2,3-Pentadiene</b>				<b>591-96-8</b>
l-g	6.454	1281.57	−31.7	160/257	150/257 B	321.41/101.325	95-trchc
l-g	6.1084	1137.67	−44.09	257/335	257/356 A		95-trchc
<b>39</b>	<b>C<sub>5</sub>H<sub>8</sub></b>		<b>1-Pentyne</b>				<b>627-19-0</b>
l-g	6.0026	1068.1	−46.15	233/334	223/344 B	313.33/101.325	88-trchc
<b>40</b>	<b>C<sub>5</sub>H<sub>8</sub></b>		<b>2-Pentyne</b>				<b>627-21-4</b>
l-g	5.9742	1111.6	−49.15	245/352	235/362 B	329.22/101.325	88-trchc
<b>41</b>	<b>C<sub>5</sub>H<sub>8</sub></b>		<b>Spiro[2.2]pentane</b>				<b>157-40-4</b>
l-g	6.03785	1087.511	−42.395	276/344	275/350 A	312.11/101.325	50-scofin-1
<b>42</b>	<b>C<sub>5</sub>H<sub>8</sub></b>		<b>Vinylcyclopropane</b>				<b>693-86-7</b>
l-g	6.8141	1509	0.000	290/310	290/310 B	313.83/101.325	77-lebgut
<b>43</b>	<b>C<sub>5</sub>H<sub>10</sub></b>		<b>Cyclopentane</b>				<b>287-92-3</b>
l-g	9.7573	3319.68	112.45	124/236	114/236 B	322.41/101.325	91-trchc
l-g	6.06783	1152.57	−38.64	236/348	236/335 A		91-trchc
l-g	6.06783 (3.36721)	1152.57 (284.39)	−38.64 (−1665)	348/512	335/511.8 B		91-trchc
<b>44</b>	<b>C<sub>5</sub>H<sub>10</sub></b>		<b>1,1-Dimethylcyclopropane</b>				<b>1630-94-0</b>
l-g	5.87625	1001.62	−35	293.78/293.78	273/303 C	293.78/101.325	87-trcsp
<b>45</b>	<b>C<sub>5</sub>H<sub>10</sub></b>		<b>cis-1,2-Dimethylcyclopropane</b>				<b>930-18-7</b>
l-g	5.87145	1063.77	−35	310.18/310.18	290/320 C	310.18/101.325	87-trcsp

Phase	Antoine constants			<i>T</i> -range [K]	Range [K], Rating	<i>T</i> <sub>b</sub> [K]/ <i>P</i> <sub>b</sub> [kPa]	Ref. Note
	<i>A</i> , ( <i>n</i> )	<i>B</i> [K], ( <i>E</i> )	<i>C</i> [K], ( <i>F</i> )				
<b>46</b>	<b>C<sub>5</sub>H<sub>10</sub></b>		<b><i>trans</i>-1,2-Dimethylcyclopropane</b>				<b>2402-06-4</b>
l-g	5.85706	1025.84	−35	301.36/301.36	281/311 C	301.36/101.325	87-trcsp
<b>47</b>	<b>C<sub>5</sub>H<sub>10</sub></b>		<b>Ethylcyclopropane</b>				<b>1191-96-4</b>
l-g	5.94387	1079.37	−35	309.08/309.08	289/319 C	309.08/101.325	87-trcsp
<b>48</b>	<b>C<sub>5</sub>H<sub>10</sub></b>		<b>2-Methyl-1-butene</b>				<b>563-46-2</b>
l-g	6.53281	1254.5	−23.89	140/223	135.6/223 B	304.3/101.325	86-trhc
l-g	5.97127	1039.69	−42.12	223/318	223/315 B		86-trhc
l-g	5.97127 (2.53166)	1039.69 (63.6071)	−42.12 (−1283.3)	318/471	315/470.1 B		86-trhc
<b>49</b>	<b>C<sub>5</sub>H<sub>10</sub></b>		<b>2-Methyl-2-butene</b>				<b>513-35-9</b>
l-g	6.57599	1297.31	−24.22	143/229	139.4/229 C	311.7/101.325	86-trhc
l-g	6.09149	1124.33	−36.52	229/328	229/325 B		86-trhc
l-g	6.09149 (3.2398)	1124.23 (136.358)	−36.52 (−5322.9)	328/481	325/481.1 B		86-trhc
<b>50</b>	<b>C<sub>5</sub>H<sub>10</sub></b>		<b>3-Methyl-1-butene</b>				<b>563-45-1</b>
l-g	6.6662	1253.84	−18.39	133/213	120/213 B	293.21/101.325	86-trhc
l-g	5.94945	1012.37	−36.503	213/308	213/304 A		86-trhc
l-g	5.94945 (2.7222)	1012.37 (95.8745)	−36.5 (−3435.8)	308/455	304/453.1 B		86-trhc
<b>51</b>	<b>C<sub>5</sub>H<sub>10</sub></b>		<b>Methylcyclobutane</b>				<b>598-61-8</b>
l-g	5.88487	1060.75	−36	309.45/309.45	289/319 C	309.45/101.325	87-trcsp
<b>52</b>	<b>C<sub>5</sub>H<sub>10</sub></b>		<b>1-Pentene</b>				<b>109-67-1</b>
l-g	6.76566	1323.6	−18.74	138/222	128/222 B	303.11/101.325	86-trhc
l-g	5.96914	1044.01	−39.7	222/318	222/312 B		86-trhc
l-g	5.96914 (2.5751)	1044.01 (122.883)	−39.7 (−4873.4)	318/465	312/464.7 B		86-trhc
<b>53</b>	<b>C<sub>5</sub>H<sub>10</sub></b>		<b>(<i>E</i>)-2-Pentene</b>				<b>646-04-8</b>
l-g	6.59318	1290.5	−24.1	142/228	132.9/228 B	309.49/101.325	86-trhc
l-g	6.02473	1080.76	−40.583	228/328	228/321 A		86-trhc
l-g	6.02473 (2.64887)	1080.76 (90.3273)	−40.58 (−3327.6)	328/475	321/474.1 B		86-trhc
<b>54</b>	<b>C<sub>5</sub>H<sub>10</sub></b>		<b>(<i>Z</i>)-2-Pentene</b>				<b>627-20-3</b>
l-g	6.68458	1318.85	−23.16	143/228	133/228 B	310.07/101.325	86-trhc
l-g	5.96798	1052.44	−44.457	228/328	228/322 A		86-trhc
l-g	5.96798 (2.443)	1052.44 (66.8925)	−44.46 (−1317.8)	328/481	322/475.1 B		86-trhc
<b>55</b>	<b>C<sub>5</sub>H<sub>12</sub></b>		<b>2,2-Dimethylpropane</b>				<b>463-82-1</b>
cr-g	6.3305	1020.7	−43.15	221/253	211/256.6 C	282.65/101.325	74-trhc
l-g	5.83916	938.234	−37.901	259/298	256.6/295 A		74-trhc
l-g	5.83916 (2.42328)	938.234 (34.505)	−37.901 (580.56)	298/434	295/433.7 B		74-trhc
<b>56</b>	<b>C<sub>5</sub>H<sub>12</sub></b>		<b>2-Methylbutane</b>				<b>78-78-4</b>
l-g	5.93925	1031.949	−38.646	255/323	212/309 A	300.99/101.325	91-ewigoo/ trhc
l-g	5.92023	1022.88	−39.69	318/460	309/460.4 B		74-ewigoo/ trhc
	(2.14912)	(−227.07)	(19674)				

Phase	Antoine constants			<i>T</i> -range [K]	Range [K], Rating	<i>T</i> <sub>b</sub> [K]/ <i>P</i> <sub>b</sub> [kPa]	Ref. Note
	<i>A</i> , ( <i>n</i> )	<i>B</i> [K], ( <i>E</i> )	<i>C</i> [K], ( <i>F</i> )				
<b>57</b>	<b>C<sub>5</sub>H<sub>12</sub></b>		<b>Pentane</b>				<b>109-66-0</b>
cr-g	10.7094	2005	-8.15	142/142	132/143.4 B	309.21/101.325	74-trchc
l-g	6.6895	1339.4	-19.03	143/219	143.4/219 B		74-trchc
l-g	5.97786	1064.84	-41.138	219/328	219/318 A		74-trchc
l-g	5.97786 (2.45751)	1064.84 (78.607)	-41.138 (-1782.3)	328/470	318/469.7 A		74-trchc
<b>58</b>	<b>C<sub>6</sub>H<sub>2</sub></b>		<b>1,3,5-Hexatriyne</b>				<b>3161-99-7</b>
l-g	6.65097	1641.600	0.000	253/263	253/263 D	258.52/2	50-hun Note 9
<b>59</b>	<b>C<sub>6</sub>H<sub>6</sub></b>		<b>Benzene</b>				<b>71-43-2</b>
cr-g	8.72391	2107.85	-16.45	210/276	218/278.68 B	353.24/101.325	96-trchc
l-g	5.98523	1184.236	-55.623	280/374	278.68/376 A		95-trchc
l-g	5.98523 (2.3835)	1184.24 (12.283)	-55.623 (664.01)	378/562	376/562.12 A		95-trchc
<b>60</b>	<b>C<sub>6</sub>H<sub>6</sub></b>		<b>1,3-Hexadien-5-yne</b>				<b>10420-90-3</b>
l-g	5.72775	1083.262	-67.033	233/283	220/290 C	256.16/1	54-geocav
<b>61</b>	<b>C<sub>6</sub>H<sub>6</sub></b>		<b>1,5-Hexadien-3-yne</b>				<b>821-08-9</b>
l-g	3.06765	327.888	-148.526	223/283	220/290 C	255.41/1	54-geocav, 31-niecal
<b>62</b>	<b>C<sub>6</sub>H<sub>6</sub></b>		<b>2,4-Hexadiyne</b>				<b>2809-69-0</b>
cr-g	9.47269	2709.223	-17.619	273/338	273/283 D, 283/338 C	337.38/10	86-meymey
l-g	6.24134	1457.409	-58.576	338/408	338/383 B, 383/410 A	402.66/101.325	86-meymey
<b>63</b>	<b>C<sub>6</sub>H<sub>8</sub></b>		<b>1,3-Cyclohexadiene</b>				<b>592-57-4</b>
l-g	5.98705	1203.812	-51.104	307/363	305/370 A	353.47/101.325	74-letmar, 73-meyhot
<b>64</b>	<b>C<sub>6</sub>H<sub>8</sub></b>		<b>1,4-Cyclohexadiene</b>				<b>628-41-1</b>
l-g	6.33811	1429.778	-32.568	304/323	300/330 B	316.42/20	74-letmar
<b>65</b>	<b>C<sub>6</sub>H<sub>8</sub></b>		<b>cis-1,3,5-Hexatriene</b>				<b>2612-46-6</b>
l-g	6.39492	1427.666	-29.569	306/323	300/335 A	309.84/20	74-letmar
<b>66</b>	<b>C<sub>6</sub>H<sub>8</sub></b>		<b>cis, anti, cis-Tricyclo[3.1.0.0(2,4)]hexane</b>				<b>21531-33-9</b>
l-g	6.00091	1222.733	-38.019	273/330	272/333 B	322.25/50	79-letorc
<b>67</b>	<b>C<sub>6</sub>H<sub>10</sub></b>		<b>cis-Bicyclo[3.1.0]hexane</b>				<b>285-58-5</b>
l-g	6.81076	1649.786	-9.091	298/320	295/320 B, 320/355 C	308.52/20	70-chamcn, 59-simsmi Note 4
<b>68</b>	<b>C<sub>6</sub>H<sub>10</sub></b>		<b>Cyclohexene</b>				<b>110-83-8</b>
l-g	6.07024	1260.609	-45.847	228/325	226/329 B	310.17/20	50-forcam, 41-lis
l-g	6.00794	1227.982	-49.265	316/365	324/365 A	356.09/101.325	50-forcam, 73-meyhot
<b>69</b>	<b>C<sub>6</sub>H<sub>10</sub></b>		<b>1,1-Dimethylbutadiene</b>				<b>926-56-7</b>
l-g	5.79239	1114.99	-55	349.45/349.45	329/359 C	349.45/101.325	87-trcsp

Phase	Antoine constants			<i>T</i> -range [K]	Range [K], Rating	<i>T</i> <sub>b</sub> [K]/ <i>P</i> <sub>b</sub> [kPa]	Ref. Note
	<i>A</i> , ( <i>n</i> )	<i>B</i> [K], ( <i>E</i> )	<i>C</i> [K], ( <i>F</i> )				
<b>70</b>	<b>C<sub>6</sub>H<sub>10</sub></b>		<b>2,3-Dimethyl-1,3-butadiene</b>				<b>513-81-5</b>
l-g	6.27858	1318.526	−33.077	273/342	270/345 B	341.66/101.325	55-cummcl
<b>71</b>	<b>C<sub>6</sub>H<sub>10</sub></b>		<b>3,3-Dimethyl-1-butyne</b>				<b>917-92-0</b>
l-g	5.9407	1045.6	−45.15	230/332	222/340 C	310.87/101.325	88-trchc
<b>72</b>	<b>C<sub>6</sub>H<sub>10</sub></b>		<b>1,3-Dimethylcyclobutene</b>				<b>7411-24-7</b>
l-g	6.9809	1633	0.000	268/295	265/329 C	273.04/10	65-fremar Note 2
<b>73</b>	<b>C<sub>6</sub>H<sub>10</sub></b>		<b>2-Ethyl-1,3-butadiene</b>				<b>3404-63-5</b>
l-g	7.47668	1603.81	−55	348.15/348.15	328/358 C	348.15/101.325	87-trcsp
<b>74</b>	<b>C<sub>6</sub>H<sub>10</sub></b>		<b>1,2-Hexadiene</b>				<b>592-44-9</b>
l-g	5.728	1094.91	−55	349.15/349.15	329/359 C	349.15/101.325	87-trcsp
<b>75</b>	<b>C<sub>6</sub>H<sub>10</sub></b>		<b><i>trans</i>-1,3-Hexadiene</b>				<b>20237-34-7</b>
l-g	5.70471	1015.624	−70.813	299/320	295/320 B	301.44/20	74-letmar
<b>76</b>	<b>C<sub>6</sub>H<sub>10</sub></b>		<b>(<i>Z</i>)-1,3-Hexadiene</b>				<b>14596-92-0</b>
l-g	5.80201	1105.29	−55	346.15/346.15	326/356 C	346.15/101.325	87-trcsp
<b>77</b>	<b>C<sub>6</sub>H<sub>10</sub></b>		<b><i>trans</i>-1,4-Hexadiene</b>				<b>7319-00-8</b>
l-g	6.07919	1207.525	−41.873	304/203	300/330 B	311.58/40	74-letmar
<b>78</b>	<b>C<sub>6</sub>H<sub>10</sub></b>		<b>(<i>Z</i>)-1,4-Hexadiene</b>				<b>7318-67-4</b>
l-g	5.78504	1070.11	−55	338.15/338.15	318/348 C	338.15/101.325	87-trcsp
<b>79</b>	<b>C<sub>6</sub>H<sub>10</sub></b>		<b>1,5-Hexadiene</b>				<b>592-42-7</b>
l-g	5.98314	1159.908	−40.998	286/320	275/335 B	332.62/101.325	55-cummcl, 74-letmar, 54-pomfoo-1
<b>80</b>	<b>C<sub>6</sub>H<sub>10</sub></b>		<b>2,3-Hexadiene</b>				<b>592-49-4</b>
l-g	5.70738	1059.23	−55	341.15/341.15	321/351 C	341.15/101.325	87-trcsp
<b>81</b>	<b>C<sub>6</sub>H<sub>10</sub></b>		<b><i>trans, trans</i>-2,4-Hexadiene</b>				<b>5194-51-4</b>
l-g	5.96105	1190.545	−54.759	304/323	300/325 A	310.24/20	74-letmar
<b>82</b>	<b>C<sub>6</sub>H<sub>10</sub></b>		<b>(<i>E, Z</i>)-2,4-Hexadiene</b>				<b>5194-50-3</b>
l-g	5.81189	1134.81	−55	353.15/353.15	333/363 C	353.15/101.325	87-trcsp
<b>83</b>	<b>C<sub>6</sub>H<sub>10</sub></b>		<b>(<i>Z, Z</i>)-2,4-Hexadiene</b>				<b>6108-61-8</b>
l-g	5.81189	1134.81	−55	353.15/353.15	333/363 C	353.15/101.325	87-trcsp
<b>84</b>	<b>C<sub>6</sub>H<sub>10</sub></b>		<b>1-Hexyne</b>				<b>693-02-7</b>
l-g	6.0401	1183.6	−51.15	257/368	249/376 C	344.48/101.325	88-trchc
<b>85</b>	<b>C<sub>6</sub>H<sub>10</sub></b>		<b>2-Hexyne</b>				<b>764-35-2</b>
l-g	5.94854	1146.825	−66.716	300/358	285/300 C, 300/360 B	357.58/101.325	41-cameby-1, 86-eiselv, 81-elvots
<b>86</b>	<b>C<sub>6</sub>H<sub>10</sub></b>		<b>3-Hexyne</b>				<b>928-49-4</b>
l-g	6.0144	1208.3	−53.15	264/378	254/388 B	354.58/101.325	88-trchc
<b>87</b>	<b>C<sub>6</sub>H<sub>10</sub></b>		<b>Isopropylallene</b>				<b>13643-05-5</b>
l-g	5.68937	1061.44	−55	343.15/343.15	323/353 C	343.15/101.325	87-trcsp

Phase	Antoine constants			<i>T</i> -range [K]	Range [K], Rating	<i>T</i> <sub>b</sub> [K]/ <i>P</i> <sub>b</sub> [kPa]	Ref. Note
	<i>A</i> , ( <i>n</i> )	<i>B</i> [K], ( <i>E</i> )	<i>C</i> [K], ( <i>F</i> )				
<b>88</b>	<b>C<sub>6</sub>H<sub>10</sub></b>		<b>1-Methylcyclopentene</b>				<b>693-89-0</b>
l-g	5.79529	1083.128	−63.195	316/350	265/360 B	349.01/101.325	86-eiselv, 88-elvvvin
<b>89</b>	<b>C<sub>6</sub>H<sub>10</sub></b>		<b>3-Methylcyclopentene</b>				<b>39750-75-9</b>
l-g	5.85401	1097.372	−53.181	300/338	255/280 C, 280/348 B	338.34/101.325	86-eiselv, 88-elvvvin
<b>90</b>	<b>C<sub>6</sub>H<sub>10</sub></b>		<b>(<i>E</i>)-2-Methyl-1,3-pentadiene</b>				<b>926-54-5</b>
l-g	5.79178	1113.67	−55	349.15/349.15	329/359 C	349.15/101.325	87-trcsp
<b>91</b>	<b>C<sub>6</sub>H<sub>10</sub></b>		<b>(<i>Z</i>)-2-Methyl-1,3-pentadiene</b>				<b>1501-60-6</b>
l-g	5.79178	1113.67	−55	349.15/349.15	329/359 C	349.15/101.325	87-trcsp
<b>92</b>	<b>C<sub>6</sub>H<sub>10</sub></b>		<b>2-Methyl-1,4-pentadiene</b>				<b>763-30-4</b>
l-g	5.75305	1027.33	−55	329.15/329.15	309/339 C	329.15/101.325	87-trcsp
<b>93</b>	<b>C<sub>6</sub>H<sub>10</sub></b>		<b>3-Methyl-1,2-pentadiene</b>				<b>7417-48-3</b>
l-g	5.6995	1064.36	−55	343/343	323/353 C	343.15/101.325	87-trcsp
<b>94</b>	<b>C<sub>6</sub>H<sub>10</sub></b>		<b>3-Methyl-1,4-pentadiene</b>				<b>1115-08-8</b>
l-g	5.74071	1020.21	−55	328.15/328.15	308/338 C	328.15/101.325	87-trcsp
<b>95</b>	<b>C<sub>6</sub>H<sub>10</sub></b>		<b>(<i>E</i>)-3-Methyl-1,3-pentadiene</b>				<b>2787-43-1</b>
l-g	5.7938	1118.05	−55	350.15/350.15	330/360 C	350.15/101.325	87-trcsp
<b>96</b>	<b>C<sub>6</sub>H<sub>10</sub></b>		<b>(<i>Z</i>)-3-Methyl-1,3-pentadiene</b>				<b>2787-45-3</b>
l-g	5.7938	1118.05	−55	350.15/350.15	330/360 C	350.15/101.325	87-trcsp
<b>97</b>	<b>C<sub>6</sub>H<sub>10</sub></b>		<b>3-Methyl-1-pentyne</b>				<b>922-59-8</b>
l-g	6.0128	1128.8	−49.15	247/353	239/361 C	330.85/101.325	88-trchc
<b>98</b>	<b>C<sub>6</sub>H<sub>10</sub></b>		<b>4-Methyl-1-pentyne</b>				<b>7154-75-8</b>
l-g	6.006	1136.7	−50.15	249/357	241/367 C	334.32/101.325	88-trchc
<b>99</b>	<b>C<sub>6</sub>H<sub>10</sub></b>		<b>4-Methyl-2-pentyne</b>				<b>21020-27-9</b>
l-g	5.9843	1170.2	−52.15	258/370	248/380 B	346.28/101.325	88-trchc
<b>100</b>	<b>C<sub>6</sub>H<sub>10</sub></b>		<b>Trimethylallene</b>				<b>3043-33-2</b>
l-g	5.69927	1071.68	−55	345.15/345.15	325/355 C	345.15/101.325	87-trcsp
<b>101</b>	<b>C<sub>6</sub>H<sub>12</sub></b>		<b>Cyclohexane</b>				<b>110-82-7</b>
cr-g	6.395	1317.8	−47.3	170/279	160/279.8 C	353.93/101.325	92-trchc
l-g	5.93002	1182.77	−52.532	282/378	279.8/378 A		92-trchc
l-g	5.93002 (3.40407)	1182.77 (10.048)	−52.532 (−126.96)	378/553	378/553.5 A		90-trchc
<b>102</b>	<b>C<sub>6</sub>H<sub>12</sub></b>		<b>2,3-Dimethyl-1-butene</b>				<b>563-78-0</b>
l-g	5.98726	1134.68	−43.783	243/352	233/365 B	328.77/101.325	61-trchc
<b>103</b>	<b>C<sub>6</sub>H<sub>12</sub></b>		<b>3,3-Dimethyl-1-butene</b>				<b>558-37-2</b>
l-g	5.80241	1010.52	−48.241	232/337	222/347 B	314.4/101.325	61-trchc
<b>104</b>	<b>C<sub>6</sub>H<sub>12</sub></b>		<b>1,1-Dimethylcyclobutane</b>				<b>18931-71-0</b>
l-g	5.83861	1100.62	−42	329.15/329.15	309/339 C	329.15/101.325	87-trcsp
<b>105</b>	<b>C<sub>6</sub>H<sub>12</sub></b>		<b><i>cis</i>-1,2-Dimethylcyclobutane</b>				<b>15679-01-3</b>
l-g	5.82624	1142.91	−42	341.15/341.15	321/351 C	341.15/101.325	87-trcsp



Phase	Antoine constants			<i>T</i> -range [K]	Range [K], Rating	<i>T</i> <sub>b</sub> [K]/ <i>P</i> <sub>b</sub> [kPa]	Ref. Note
	<i>A</i> , ( <i>n</i> )	<i>B</i> [K], ( <i>E</i> )	<i>C</i> [K], ( <i>F</i> )				
<b>106</b>	<b>C<sub>6</sub>H<sub>12</sub></b>		<b><i>trans</i>-1,2-Dimethylcyclobutane</b>				<b>15679-02-4</b>
l-g	5.81335	1108.59	−42	333.15/333.15	313/343 C	333.15/101.325	87-trcsp
<b>107</b>	<b>C<sub>6</sub>H<sub>12</sub></b>		<b><i>cis</i>-1,3-Dimethylcyclobutane</b>				<b>2398-09-6</b>
l-g	5.81418	1110.74	−42	333.65/333.65	313/343 C	333.65/101.325	87-trcsp
<b>108</b>	<b>C<sub>6</sub>H<sub>12</sub></b>		<b><i>trans</i>-1,3-Dimethylcyclobutane</b>				<b>2398-10-9</b>
l-g	5.8092	1097.87	−42	330.65/330.65	31/340 C	330.65/101.325	87-trcsp
<b>109</b>	<b>C<sub>6</sub>H<sub>12</sub></b>		<b>2-Ethyl-1-butene</b>				<b>760-21-4</b>
l-g	6.12202	1218.35	−41.85	251/361	241/371 B	337.83/101.325	61-trchc
<b>110</b>	<b>C<sub>6</sub>H<sub>12</sub></b>		<b>Ethylcyclobutane</b>				<b>4806-61-5</b>
l-g	5.90371	1176.22	−42	343.75/343.75	323/353 C	343.75/101.325	87-trcsp
<b>111</b>	<b>C<sub>6</sub>H<sub>12</sub></b>		<b>1-Ethyl-1-methylcyclopropane</b>				<b>53778-43-1</b>
l-g	5.87114	1109.07	−43	329.92/329.92	309/339 C	329.92/101.325	87-trcsp
<b>112</b>	<b>C<sub>6</sub>H<sub>12</sub></b>		<b><i>cis</i>-1-Ethyl-2-methylcyclopropane</b>				<b>19781-68-1</b>
l-g	5.8566	1144.33	−43	340.16/340.16	320/350 C	340.16/101.325	87-trcsp
<b>113</b>	<b>C<sub>6</sub>H<sub>12</sub></b>		<b><i>trans</i>-1-Ethyl-2-methylcyclopropane</b>				<b>19781-69-2</b>
l-g	5.84258	1108.12	−43	331.81/331.81	311/341 C	331.81/101.325	87-trcsp
<b>114</b>	<b>C<sub>6</sub>H<sub>12</sub></b>		<b>1-Hexene</b>				<b>592-41-6</b>
l-g	6.72775	1442.59	−25.04	156/247	145/247 B	336.63/101.325	86-trchc
l-g	5.9826	1148.62	−47.81	247/358	247/352 A		86-trchc
l-g	5.9826 (2.4592)	1148.62 (106.26)	−47.81 (−3773.6)	358/506	352/504 B		86-trchc
<b>115</b>	<b>C<sub>6</sub>H<sub>12</sub></b>		<b>(<i>E</i>)-2-Hexene</b>				<b>4050-45-7</b>
l-g	6.01832	1173.34	−48.62	254/364	244/374 B	341.03/101.325	61-trchc
<b>116</b>	<b>C<sub>6</sub>H<sub>12</sub></b>		<b>(<i>Z</i>)-2-Hexene</b>				<b>7688-21-3</b>
l-g	6.16295	1258.57	−39.299	254/365	244/375 B	342.04/101.325	61-trchc
<b>117</b>	<b>C<sub>6</sub>H<sub>12</sub></b>		<b>(<i>E</i>)-3-Hexene</b>				<b>13269-52-8</b>
l-g	6.0427	1180.71	−47.766	253/363	243/373 B	340.24/101.325	61-trchc
<b>118</b>	<b>C<sub>6</sub>H<sub>12</sub></b>		<b>(<i>Z</i>)-3-Hexene</b>				<b>7642-09-3</b>
l-g	6.00344	1164.13	−48.401	252/363	242/373 B	339.6/101.325	61-trchc
<b>119</b>	<b>C<sub>6</sub>H<sub>12</sub></b>		<b>Isopropylcyclo-propane</b>				<b>3638-35-5</b>
l-g	5.88735	1119.73	−43	331.47/331.47	311/341 C	331.47/101.325	87-trcsp
<b>120</b>	<b>C<sub>6</sub>H<sub>12</sub></b>		<b>Methylcyclopentane</b>				<b>96-37-7</b>
l-g	6.18199	1295.54	−34.76	255/373	240/355 A	344.96/101.325	91-trchc
l-g	6.18199 (2.70504)	1295.54 (−741.05)	−34.76 (43373)	373/533	355/532.7 B		91-trchc
<b>121</b>	<b>C<sub>6</sub>H<sub>12</sub></b>		<b>2-Methyl-1-pentene</b>				<b>763-29-1</b>
l-g	5.9752	1138.52	−48.446	249/358	234/373 A	335.28/101.325	61-trchc
<b>122</b>	<b>C<sub>6</sub>H<sub>12</sub></b>		<b>2-Methyl-2-pentene</b>				<b>625-27-4</b>
				254/363	244/373 B	340.46/101.325	61-trchc
<b>123</b>	<b>C<sub>6</sub>H<sub>12</sub></b>		<b>3-Methyl-1-pentene</b>				<b>760-20-3</b>
l-g	5.88013	1086.32	−46.946	242/350	228/365 A	327.33/101.325	61-trchc

Phase	Antoine constants			<i>T</i> -range [K]	Range [K], Rating	<i>T</i> <sub>b</sub> [K]/ <i>P</i> <sub>b</sub> [kPa]	Ref. Note
	<i>A</i> , ( <i>n</i> )	<i>B</i> [K], ( <i>E</i> )	<i>C</i> [K], ( <i>F</i> )				
<b>124</b>	<b>C<sub>6</sub>H<sub>12</sub></b>		<b>(<i>E</i>)-3-Methyl-2-pentene</b>				<b>616-12-6</b>
l-g	6.05124	1194.53	−48.317	256/367	242/380 A	343.59/101.325	61-trchc
<b>125</b>	<b>C<sub>6</sub>H<sub>12</sub></b>		<b>(<i>Z</i>)-3-Methyl-2-pentene</b>				<b>922-62-3</b>
l-g	6.03563	1186.4	−46.454	253/364	245/372 C	340.85/101.325	61-trchc
<b>126</b>	<b>C<sub>6</sub>H<sub>12</sub></b>		<b>4-Methyl-1-pentene</b>				<b>691-37-2</b>
l-g	5.96019	1121.3	−43.463	242/350	228/365 A	327.02/101.325	61-trchc
<b>127</b>	<b>C<sub>6</sub>H<sub>12</sub></b>		<b>(<i>E</i>)-4-Methyl-2-pentene</b>				<b>674-76-0</b>
l-g	6.0052	1142.87	−46.007	246/354	236/364 B	331.76/101.325	61-trchc
<b>128</b>	<b>C<sub>6</sub>H<sub>12</sub></b>		<b>(<i>Z</i>)-4-Methyl-2-pentene</b>				<b>691-38-3</b>
l-g	5.96619	1120.71	−46.564	244/352	229/367 A	329.54/101.325	61-trchc
<b>129</b>	<b>C<sub>6</sub>H<sub>12</sub></b>		<b>Propylcyclopropane</b>				<b>2415-72-7</b>
l-g	5.93321	1175.5	−43	342.3/342.3	322/352 C	342.3/101.325	87-trcsp
<b>130</b>	<b>C<sub>6</sub>H<sub>12</sub></b>		<b>1,1,2-Trimethylcyclo-propane</b>				<b>4127-45-1</b>
l-g	5.83103	1092.47	−40	325.59/325.59	305/335 C	325.59/101.325	87-trcsp
<b>131</b>	<b>C<sub>6</sub>H<sub>12</sub></b>		<b><i>r</i>-1, <i>c</i>-2, <i>c</i>-3-Trimethylcyclo-propane</b>				<b>4806-58-0</b>
l-g	1.91842	−25.77	−44	339.15/339.15	319/349 C	339.15/101.325	87-trcsp
<b>132</b>	<b>C<sub>6</sub>H<sub>12</sub></b>		<b><i>r</i>-1, <i>c</i>-2, <i>t</i>-3-Trimethylcyclo-propane</b>				<b>4806-59-1</b>
l-g	1.91867	−25.14	−44	332.85/332.85	312/342 C	332.85/101.325	87-trcsp
<b>133</b>	<b>C<sub>6</sub>H<sub>14</sub></b>		<b>2, 2-Dimethylbutane</b>				<b>75-83-2</b>
l-g	5.31559	876.25	−62.47	210/238	195/238 B	322.89/101.325	94-trchc
l-g	5.93486	1127.4	−44.184	242/338	238/332 A		94-trchc
l-g	5.8959 (2.173)	1090.16 (0)	−42.634 (0)	338/488	332/488.7 B		95-trchc
<b>134</b>	<b>C<sub>6</sub>H<sub>14</sub></b>		<b>2,3-Dimethylbutane</b>				<b>79-29-8</b>
l-g	5.93486	1127.4	−44.154	254/348	236/340 A	331.14/101.325	94-trchc
l-g	5.93486 (2.519)	1127.4 (332.5)	−44.184 (−24950.3)	348/500	340/499.9 A		95-trchc
<b>135</b>	<b>C<sub>6</sub>H<sub>14</sub></b>		<b>Hexane</b>				<b>110-54-3</b>
cr-g	10.0494	1998.6	−23.15	168/177	158/177.8 C	341.89/101.325	94-trchc
l-g	6.89538	1549.94	−19.15	182/247	177.8/245 A		94-trchc
l-g	6.00139	1170.875	−48.833	250/358	245/353 A		94-trchc
l-g	6.00139 (2.89585)	1170.88 (447.8)	−48.833 (−27749.4)	358/508	353/507.5 A		95-trchc
<b>136</b>	<b>C<sub>6</sub>H<sub>14</sub></b>		<b>2-Methylpentane</b>				<b>107-83-5</b>
l-g	5.98332	1145.8	−45.335	250/348	232/342 A	333.42/101.325	94-trchc
l-g	5.98332 (2.2766)	1145.8 (0)	−45.335 (0)	348/498	342/497.5 B		95-trchc
<b>137</b>	<b>C<sub>6</sub>H<sub>14</sub></b>		<b>3-Methylpentane</b>				<b>96-14-0</b>
l-g	5.99283	1162.37	−44.864	255/358	239/345 A	336.43/101.325	94-trchc
l-g	5.99283 (5.74154)	1162.37 (690.9)	−44.864 (−40238.2)	358/500	345/504.4 B		95-trchc
<b>138</b>	<b>C<sub>7</sub>H<sub>8</sub></b>		<b>Bicyclo[2.2.1]hepta-2,5-diene,(Norbornadiene)</b>				<b>121-46-0</b>
l-g	5.93933	1237.475	−49.936	300/352	300/360 C	341.77/50	73-halsmi

Phase	Antoine constants			<i>T</i> -range [K]	Range [K], Rating	<i>T</i> <sub>b</sub> [K]/ <i>P</i> <sub>b</sub> [kPa]	Ref. Note
	<i>A</i> , ( <i>n</i> )	<i>B</i> [K], ( <i>E</i> )	<i>C</i> [K], ( <i>F</i> )				
<b>139</b>	<b>C<sub>7</sub>H<sub>8</sub></b>		<b>1,3,5-Cycloheptatriene</b>				<b>544-25-2</b>
l-g	6.18661	1422.317	−48.168	273/338	273/339 B, 339/350 C	322.40/10	56-finsco
<b>140</b>	<b>C<sub>7</sub>H<sub>8</sub></b>		<b>Tetracyclo[3.2.0.0-(2,7).0(4,6)]-heptane, (Quadricyclane)</b>				<b>278-06-8</b>
l-g	6.29508	1455.853	−44.224	302/372	300/380 C	360.98/50	73-halsmi
<b>141</b>	<b>C<sub>7</sub>H<sub>8</sub></b>		<b>Toluene</b>				<b>108-88-3</b>
l-g	7.5727	2124.65	5.95	181/278	178.2/281 B	383.78/101.325	95-trchc
l-g	6.05043	1327.62	−55.525	286/410	281/393 A		95-trchc
l-g	6.05043 (2.38083)	1327.62 (50.777)	−55.525 (−877.95)	408/592	393/591.7 A		95-trchc
<b>142</b>	<b>C<sub>7</sub>H<sub>10</sub></b>		<b>Bicyclo[2.2.1]hept-2-ene</b>				<b>498-66-8</b>
l-g	5.34144	939.519	−87.051	301/350	300/355 B	344.99/50	73-halsmi
<b>143</b>	<b>C<sub>7</sub>H<sub>10</sub></b>		<b>Bicyclo[4.1.0]hept-3-ene</b>				<b>16554-83-9</b>
l-g	6.05255	1348.055	−56.089	333/385	330/390 A	385.04/85	74-varдру-2
<b>144</b>	<b>C<sub>7</sub>H<sub>10</sub></b>		<b>Tricyclo[2, 2, 1, 0] heptane</b>				<b>279-19-6</b>
l-g	6.05065	1222.75	−69.091	302/337	292/347 C		87-trcsp
<b>145</b>	<b>C<sub>7</sub>H<sub>10</sub></b>		<b>Tricyclo[2.2.1.0(2,6)]heptane</b>				<b>4279-19-0</b>
l-g	6.20584	1301.177	−61.257	302/337	300/340 B	311.20/10	73-halsmi
<b>146</b>	<b>C<sub>7</sub>H<sub>10</sub></b>		<b>Tricyclo[4.1.0.0(2,4)]heptane</b>				<b>187-26-8</b>
l-g	6.15476	1376.781	−45.708	323/373	320/380 C	371.55/85	74-varдру-1
<b>147</b>	<b>C<sub>7</sub>H<sub>12</sub></b>		<b>Bicyclo[2.2.1]heptane</b>				<b>279-23-2</b>
cr-g	5.43503	1196.186	−58.303	218/247	215/250 B	244.19/0.1	74-osbdou
cr-g	6.75135	1609.581	−37.779	300/364	295/370 B	317.64/10	73-halsmi
<b>148</b>	<b>C<sub>7</sub>H<sub>12</sub></b>		<b>(+,-)-Bicyclo[4.1.0]heptane</b>				<b>286-08-8</b>
l-g	6.01310	1334.604	−56.855	333/384	333/390 A	383.67/85	74-varдру-1, 74-varдру-3
<b>149</b>	<b>C<sub>7</sub>H<sub>12</sub></b>		<b>cis-Bicyclo[4.1.0]heptene</b>				<b>286-08-8</b>
l-g	7.146	1987	0.000	298/330	300/335 C	323.30/10	70-chamcn Note 2
<b>150</b>	<b>C<sub>7</sub>H<sub>12</sub></b>		<b>Cycloheptene</b>				<b>628-92-2</b>
l-g	5.84003	1288.469	−55.514	251/312	250/315 C	321.72/10	41-lis
<b>151</b>	<b>C<sub>7</sub>H<sub>12</sub></b>		<b>1,2-Dimethylcyclopentene</b>				<b>765-47-9</b>
l-g	5.97984	1290.8	−54.15	294/431	284/441 C	378.95/101.325	79-dykrep
<b>152</b>	<b>C<sub>7</sub>H<sub>12</sub></b>		<b>1,3-Dimethylcyclopentene</b>				<b>62184-82-1</b>
l-g	5.99297	1252	−51.15	283/410	273/420 C	365.15/101.325	79-dykrep
<b>153</b>	<b>C<sub>7</sub>H<sub>12</sub></b>		<b>1,4-Dimethylcyclopentene</b>				<b>19550-48-2</b>
l-g	5.90895	1226.4	−52.15	273/413	263/423 C	366.35/101.325	79-dykrep
<b>154</b>	<b>C<sub>7</sub>H<sub>12</sub></b>		<b>1,5-Dimethylcyclopentene</b>				<b>16491-15-9</b>
l-g	6.00571	1288	−53.15	273/423	263/433 C	375.15/101.325	79-dykrep
<b>155</b>	<b>C<sub>7</sub>H<sub>12</sub></b>		<b>3,3-Dimethylcyclopentene</b>				<b>58049-91-5</b>
l-g	5.94216	1220.3	−51.15	278/403	268/413 C	361.15/101.325	79-dykrep

Phase	Antoine constants			<i>T</i> -range [K]	Range [K], Rating	<i>T</i> <sub>b</sub> [K]/ <i>P</i> <sub>b</sub> [kPa]	Ref. Note
	<i>A</i> , ( <i>n</i> )	<i>B</i> [K], ( <i>E</i> )	<i>C</i> [K], ( <i>F</i> )				
<b>156</b>	<b>C<sub>7</sub>H<sub>12</sub></b>		<b>4,4-Dimethylcyclopentene</b>				<b>19037-72-0</b>
l-g	5.94216	1220.3	−51.15	278/403	268/413 C	361.15/101.325	79-dykrep
<b>157</b>	<b>C<sub>7</sub>H<sub>12</sub></b>		<b>3,3-Dimethyl-1-pentyne</b>				<b>918-82-1</b>
l-g	5.9527	1148.6	−52.15	255/367	247/375 C	343.15/101.325	88-trchc
<b>158</b>	<b>C<sub>7</sub>H<sub>12</sub></b>		<b>3,4-Dimethyl-1-pentyne</b>				<b>61064-08-2</b>
l-g	6.02	1204.3	−53.15	264/377	258/385 C	353.15/101.325	88-trchc
<b>159</b>	<b>C<sub>7</sub>H<sub>12</sub></b>		<b>4,4-Dimethyl-1-pentyne</b>				<b>13361-63-2</b>
l-g	5.965	1176.2	−52.15	260/373	254/380 C	349.23/101.325	88-trchc
<b>160</b>	<b>C<sub>7</sub>H<sub>12</sub></b>		<b>4,4-Dimethyl-2-pentyne</b>				<b>999-78-0</b>
l-g	5.9334	1186.2	−54.15	265/381	257/389 C	356.15/101.325	88-trchc
<b>161</b>	<b>C<sub>7</sub>H<sub>12</sub></b>		<b>1-Ethylcyclopentene</b>				<b>2146-38-5</b>
l-g	6.55736	1633.771	−20.309	321/379	315/382 B	379.25/101.325	86-eiselv, 88-elvvin, 89-kirvin
<b>162</b>	<b>C<sub>7</sub>H<sub>12</sub></b>		<b>3-Ethylcyclopentene</b>				<b>694-35-9</b>
l-g	5.94984	1235.559	−57.886	320/371	320/375 B	371.15/101.325	86-eiselv, 88-elvvin, 89-kirvin
<b>163</b>	<b>C<sub>7</sub>H<sub>12</sub></b>		<b>3-Ethyl-1-pentyne</b>				<b>21020-26-8</b>
l-g	6.0415	1222.8	−54.15	267/381	257/391 B	357.15/101.325	88-trchc
<b>164</b>	<b>C<sub>7</sub>H<sub>12</sub></b>		<b>1-Heptyne</b>				<b>628-71-7</b>
l-g	6.0737	1289.5	−56.15	279/398	269/408 B	372.89/101.325	88-trchc
<b>165</b>	<b>C<sub>7</sub>H<sub>12</sub></b>		<b>2-Heptyne</b>				<b>1119-65-9</b>
l-g	6.0523	1323.2	−58.15	288/411	278/421 B	385.15/101.325	88-trchc
<b>166</b>	<b>C<sub>7</sub>H<sub>12</sub></b>		<b>3-Heptyne</b>				<b>2586-89-2</b>
l-g	6.0427	1299.5	−58.15	284/405	276/413 C	380.31/101.325	88-trchc
<b>167</b>	<b>C<sub>7</sub>H<sub>12</sub></b>		<b>1-Methylbicyclo[3.1.0]-hexane</b>				<b>4625-24-5</b>
l-g	6.01704	1265.800	−50.653	313/361	310/367 A	358.34/80	74-varдру-3
<b>168</b>	<b>C<sub>7</sub>H<sub>12</sub></b>		<b>1-Methylcyclohexene</b>				<b>591-49-1</b>
l-g	6.00942	1310.346	−56.145	310/383	305/320 B, 320/390 A	383.43/101.325	60-camros, 70-eisora
<b>169</b>	<b>C<sub>7</sub>H<sub>12</sub></b>		<b>3-Methylcyclohexene</b>				<b>591-48-0</b>
l-g	6.00449	1276.897	−56.656	318/376	315/380 A	375.98/101.325	70-eisora,
<b>170</b>	<b>C<sub>7</sub>H<sub>12</sub></b>		<b>4-Methylcyclohexene</b>				<b>591-47-9</b>
l-g	5.99371	1283.1	−54.15	292/429	282/439 D	375.89/101.325	79-dykrep
<b>171</b>	<b>C<sub>7</sub>H<sub>12</sub></b>		<b>Methylenecyclo-hexane</b>				<b>1192-37-6</b>
l-g	5.92650	1251.834	−57.270	331/387	330/390 A	376.55/101.325	73-meyhot
<b>172</b>	<b>C<sub>7</sub>H<sub>12</sub></b>		<b>2-Methyl-3-hexyne</b>				<b>36566-80-0</b>
l-g	6.0315	1260.9	−55.15	275/393	265/403 B	368.35/101.325	88-trchc
<b>173</b>	<b>C<sub>7</sub>H<sub>12</sub></b>		<b>3-Methyl-1-hexyne</b>				<b>40276-93-5</b>
l-g	6.0435	1227.5	−54.15	268/382	260/390 C	358.15/101.325	88-trchc

Phase	Antoine constants			<i>T</i> -range [K]	Range [K], Rating	<i>T</i> <sub>b</sub> [K]/ <i>P</i> <sub>b</sub> [kPa]	Ref. Note
	<i>A</i> , ( <i>n</i> )	<i>B</i> [K], ( <i>E</i> )	<i>C</i> [K], ( <i>F</i> )				
<b>174</b>	<b>C<sub>7</sub>H<sub>12</sub></b>		<b>4-Methyl-1-hexyne</b>				<b>52713-81-2</b>
l-g	6.0423	1247.3	−55.15	272/388	266/396 C	364.15/101.325	88-trchc
<b>175</b>	<b>C<sub>7</sub>H<sub>12</sub></b>		<b>4-Methyl-2-hexyne</b>				<b>20198-49-6</b>
l-g	6.0271	1272.9	−56.15	278/398	268/408 B	372.69/101.325	88-trchc
<b>176</b>	<b>C<sub>7</sub>H<sub>12</sub></b>		<b>5-Methyl-1-hexyne</b>				<b>2203-80-7</b>
l-g	6.044	1251.3	−55.15	273/389	265/397 C	365/101.325	88-trchc
<b>177</b>	<b>C<sub>7</sub>H<sub>12</sub></b>		<b>5-Methyl-2-hexyne</b>				<b>53566-37-3</b>
l-g	6.0326	1286.4	−56.15	280/401	275/409 C	375.61/101.325	88-trchc
<b>178</b>	<b>C<sub>7</sub>H<sub>14</sub></b>		<b>Cycloheptane</b>				<b>291-64-5</b>
l-g	5.9633	1322.22	−57.853	291/408	281/405 B	391.94/101.325	75-trchc
l-g	5.9633 (2.5284)	1322.22 (250.3)	−57.853 (−13243)	408/604	405/604.3 B		75-trchc
<b>179</b>	<b>C<sub>7</sub>H<sub>14</sub></b>		<b>1,1-Dimethylcyclopentane</b>				<b>1638-26-2</b>
l-g	5.96199	1230.54	−49.93	267/386	257/396 B	361/101.325	91-trchc
<b>180</b>	<b>C<sub>7</sub>H<sub>14</sub></b>		<b>cis-1,2-Dimethylcyclopentane</b>				<b>1192-18-3</b>
l-g	5.97614	1269.67	−52.87	276/398	266/408 B	372.68/101.325	91-trchc
<b>181</b>	<b>C<sub>7</sub>H<sub>14</sub></b>		<b>trans-1,2-Dimethylcyclopentane</b>				<b>822-50-4</b>
l-g	5.95744	1235.88	−52.25	271/390	261/400 B	365.02/101.325	91-trchc
<b>182</b>	<b>C<sub>7</sub>H<sub>14</sub></b>		<b>cis-1,3-Dimethylcyclopentane</b>				<b>2532-58-3</b>
l-g	6.00405	1259.82	−49.62	270/390	260/400 B	363.92/101.325	91-trchc
<b>183</b>	<b>C<sub>7</sub>H<sub>14</sub></b>		<b>trans-1,3-Dimethylcyclopentane</b>				<b>1759-58-6</b>
l-g	5.95279	1232.16	−51.73	270/389	260/399 B	364.87/101.325	91-trchc
<b>184</b>	<b>C<sub>7</sub>H<sub>14</sub></b>		<b>2,3-Dimethyl-1-pentene</b>				<b>3404-72-6</b>
l-g	6.02306	1222.4	−53.15	267/381	257/391 B	357.43/101.325	61-trchc
<b>185</b>	<b>C<sub>7</sub>H<sub>14</sub></b>		<b>2,3-Dimethyl-2-pentene</b>				<b>10574-37-5</b>
l-g	5.99846	1267.3	−53.15	275/396	265/406 B	370.55/101.325	61-trchc
<b>186</b>	<b>C<sub>7</sub>H<sub>14</sub></b>		<b>2,4-Dimethyl-1-pentene</b>				<b>2213-32-3</b>
l-g	5.95752	1199.98	−51.106	263/379	253/389 B	354.76/101.325	61-trchc
<b>187</b>	<b>C<sub>7</sub>H<sub>14</sub></b>		<b>2,4-Dimethyl-2-pentene</b>				<b>625-65-0</b>
l-g	5.98423	1196.56	−55.695	266/380	256/390 B	356.45/101.325	61-trchc
<b>188</b>	<b>C<sub>7</sub>H<sub>14</sub></b>		<b>3,3-Dimethyl-1-pentene</b>				<b>3404-73-7</b>
l-g	6.03691	1199.2	−53.15	262/374	252/384 B	350.63/101.325	61-trchc
<b>189</b>	<b>C<sub>7</sub>H<sub>14</sub></b>		<b>3,4-Dimethyl-1-pentene</b>				<b>7385-78-6</b>
l-g	6.02998	1210.5	−53.15	264/378	254/388 B	353.95/101.325	61-trchc
<b>190</b>	<b>C<sub>7</sub>H<sub>14</sub></b>		<b>(E)-3,4-Dimethyl-2-pentene</b>				<b>4914-92-5</b>
l-g	6.00924	1247.1	−53.15	271/389	261/399 B	364.65/101.325	61-trchc
<b>191</b>	<b>C<sub>7</sub>H<sub>14</sub></b>		<b>(Z)-3,4-Dimethyl-2-pentene</b>				<b>4914-91-4</b>
l-g	6.01347	1239.4	−53.15	270/387	260/397 B	362.4/101.325	61-trchc
<b>192</b>	<b>C<sub>7</sub>H<sub>14</sub></b>		<b>4,4-Dimethyl-1-pentene</b>				<b>762-62-9</b>
l-g	5.88908	1151	−49.276	255/370	247/378 C	345.67/101.325	61-trchc

Phase	Antoine constants			<i>T</i> -range [K]	Range [K], Rating	<i>T</i> <sub>b</sub> [K]/ <i>P</i> <sub>b</sub> [kPa]	Ref. Note
	<i>A</i> , ( <i>n</i> )	<i>B</i> [K], ( <i>E</i> )	<i>C</i> [K], ( <i>F</i> )				
<b>193</b>	<b>C<sub>7</sub>H<sub>14</sub></b>		<b>(<i>E</i>)-4,4-Dimethyl-2-pentene</b>				<b>690-08-4</b>
l-g	6.00166	1195.17	−50.795	260/374	250/384 B	349.89/101.325	61-trchc
<b>194</b>	<b>C<sub>7</sub>H<sub>14</sub></b>		<b>(<i>Z</i>)-4,4-Dimethyl-2-pentene</b>				<b>762-63-0</b>
l-g	5.93239	1191.51	−50.14	262/378	252/388 B	353.58/101.325	61-trchc
<b>195</b>	<b>C<sub>7</sub>H<sub>14</sub></b>		<b>Ethylcyclopentane</b>				<b>1640-89-7</b>
l-g	6.00408	1293.71	−53.03	280/408	270/388 B	377.62/101.325	91-trchc
l-g	6.00408 (2.66692)	1293.71 (561.915)	−53.03 (−45612)	408/569	388/569.5 B		91-trchc
<b>196</b>	<b>C<sub>7</sub>H<sub>14</sub></b>		<b>2-Ethyl-3-methyl-1-butene</b>				<b>7357-93-9</b>
l-g	5.96175	1202.78	−55.479	268/384	258/394 B	359.51/101.325	61-trchc
<b>197</b>	<b>C<sub>7</sub>H<sub>14</sub></b>		<b>2-Ethyl-1-pentene</b>				<b>3404-71-5</b>
l-g	6.00475	1255.7	−53.15	273/392	263/402 B	367.15/101.325	61-trchc
<b>198</b>	<b>C<sub>7</sub>H<sub>14</sub></b>		<b>3-Ethyl-1-pentene</b>				<b>4038-04-4</b>
l-g	6.02366	1221.9	−53.15	267/381	260/389 C	357.26/101.325	61-trchc
<b>199</b>	<b>C<sub>7</sub>H<sub>14</sub></b>		<b>3-Ethyl-2-pentene</b>				<b>816-79-5</b>
l-g	6.00115	1262.6	−53.15	275/394	265/404 B	369.16/101.325	61-trchc
<b>200</b>	<b>C<sub>7</sub>H<sub>14</sub></b>		<b>1-Heptene</b>				<b>592-76-7</b>
l-g	6.75856	1570.5	−30.07	172/270	162/270 C	366.79/101.325	86-trchc
l-g	6.02677	1258.34	−53.85	270/388	270/382 B		86-trchc
l-g	6.02677 (2.6166)	1258.34 (290.6)	−53.85 (−17516)	388/543	382/537.3 B		86-trchc
<b>201</b>	<b>C<sub>7</sub>H<sub>14</sub></b>		<b>(<i>E</i>)-2-Heptene</b>				<b>14686-13-6</b>
l-g	5.99753	1269.2	−53.15	276/396	266/406 B	371.1/101.325	61-trchc
<b>202</b>	<b>C<sub>7</sub>H<sub>14</sub></b>		<b>(<i>Z</i>)-2-Heptene</b>				<b>6443-92-1</b>
l-g	5.99679	1270.8	−53.15	276/397	266/407 B	371.56/101.325	61-trchc
<b>203</b>	<b>C<sub>7</sub>H<sub>14</sub></b>		<b>(<i>E</i>)-3-Heptene</b>				<b>14686-14-7</b>
l-g	6.00166	1261.4	−53.15	274/394	264/404 B	368.82/101.325	61-trchc
<b>204</b>	<b>C<sub>7</sub>H<sub>14</sub></b>		<b>(<i>Z</i>)-3-Heptene</b>				<b>7642-10-6</b>
l-g	6.00159	1261.7	−53.15	274/394	264/404 B	368.9/101.325	61-trchc
<b>205</b>	<b>C<sub>7</sub>H<sub>14</sub></b>		<b>Methylcyclohexane</b>				<b>108-87-2</b>
l-g	5.98232	1290.97	−49.449	277/398	262/388 A	374.09/101.325	92-trchc
l-g	5.9823 (2.79424)	1290.97 (53.7057)	−49.449 (2916.13)	398/572	388/572.1 B		90-trchc
<b>206</b>	<b>C<sub>7</sub>H<sub>14</sub></b>		<b>2-Methyl-1-hexene</b>				<b>6094-02-6</b>
l-g	6.00827	1248.8	−53.15	272/390	262/400 B	365.15/101.325	61-trchc
<b>207</b>	<b>C<sub>7</sub>H<sub>14</sub></b>		<b>2-Methyl-2-hexene</b>				<b>2738-19-4</b>
l-g	6.0021	1260.5	−53.15	274/394	264/404 B	368.56/101.325	61-trchc
<b>208</b>	<b>C<sub>7</sub>H<sub>14</sub></b>		<b>(<i>Z</i>)-2-Methyl-3-hexene</b>				<b>15840-60-5</b>
l-g	6.01976	1228.3	−53.15	268/383	258/393 B	359.15/101.325	61-trchc

Phase	Antoine constants			<i>T</i> -range [K]	Range [K], Rating	<i>T</i> <sub>b</sub> [K]/ <i>P</i> <sub>b</sub> [kPa]	Ref. Note
	<i>A</i> , ( <i>n</i> )	<i>B</i> [K], ( <i>E</i> )	<i>C</i> [K], ( <i>F</i> )				
<b>209</b>	<b>C<sub>7</sub>H<sub>14</sub></b>		<b>3-Methyl-1-hexene</b>				<b>3404-61-3</b>
l-g	6.02414	1221.2	−53.15	266/381	256/391 B	357.05/101.325	61-trchc
<b>210</b>	<b>C<sub>7</sub>H<sub>14</sub></b>		<b>(<i>E</i>)-3-Methyl-2-hexene</b>				<b>20710-38-7</b>
l-g	6.00247	1259.7	−53.15	274/393	264/403 B	368.33/101.325	61-trchc
<b>211</b>	<b>C<sub>7</sub>H<sub>14</sub></b>		<b>(<i>Z</i>)-3-Methyl-2-hexene</b>				<b>10574-36-4</b>
l-g	5.99865	1266.8	−53.15	275/396	265/406 B	370.41/101.325	61-trchc
<b>212</b>	<b>C<sub>7</sub>H<sub>14</sub></b>		<b>(<i>E</i>)-3-Methyl-3-hexene</b>				<b>3899-36-3</b>
l-g	6.02113	1250.69	−55.221	274/391	264/401 B	366.69/101.325	61-trchc
<b>213</b>	<b>C<sub>7</sub>H<sub>14</sub></b>		<b>(<i>Z</i>)-3-Methyl-3-hexene</b>				<b>4914-89-0</b>
l-g	6.00277	1239.86	−58.359	276/393	266/403 B	368.55/101.325	61-trchc
<b>214</b>	<b>C<sub>7</sub>H<sub>14</sub></b>		<b>4-Methyl-1-hexene</b>				<b>3769-23-1</b>
l-g	6.01836	1230.8	−53.15	268/384	258/394 B	359.88/101.325	61-trchc
<b>215</b>	<b>C<sub>7</sub>H<sub>14</sub></b>		<b>(<i>E</i>)-4-Methyl-2-hexene</b>				<b>3683-22-5</b>
l-g	6.01696	1233.7	−53.15	269/385	259/395 B	360.71/101.325	61-trchc
<b>216</b>	<b>C<sub>7</sub>H<sub>14</sub></b>		<b>(<i>Z</i>)-4-Methyl-2-hexene</b>				<b>3683-19-0</b>
l-g	6.01929	1229.4	−53.15	268/384	258/394 B	359.46/101.325	61-trchc
<b>217</b>	<b>C<sub>7</sub>H<sub>14</sub></b>		<b>5-Methyl-1-hexene</b>				<b>3524-73-0</b>
l-g	6.0213	1226	−53.15	313/393	303/403 C	358.46/101.325	79-dykrep
<b>218</b>	<b>C<sub>7</sub>H<sub>14</sub></b>		<b>(<i>E</i>)-5-Methyl-2-hexene</b>				<b>7385-82-2</b>
l-g	6.01564	1235.5	−53.15	269/386	259/396 B	361.26/101.325	61-trchc
<b>219</b>	<b>C<sub>7</sub>H<sub>14</sub></b>		<b>(<i>Z</i>)-5-Methyl-2-hexene</b>				<b>13151-17-2</b>
l-g	6.01314	1240.3	−53.15	270/387	260/397 B	362.65/101.325	61-trchc
<b>220</b>	<b>C<sub>7</sub>H<sub>14</sub></b>		<b>2,3,3-Trimethyl-1-butene</b>				<b>594-56-9</b>
l-g	5.92316	1181.05	−49.557	260/375	245/390 A	351.04/101.325	61-trchc
<b>221</b>	<b>C<sub>7</sub>H<sub>16</sub></b>		<b>2,2-Dimethylpentane</b>				<b>590-35-2</b>
l-g	5.94392	1191.96	−49.652	261/368	247/365 A	352.32/101.325	91-trchc
l-g	5.94392 (2.2002)	1191.96 (515.6)	−49.652 (−33215)	368/520	365/520.4 B		95-trchc
<b>222</b>	<b>C<sub>7</sub>H<sub>16</sub></b>		<b>2,3-Dimethylpentane</b>				<b>565-59-3</b>
l-g	6.38549	1431.28	−34.08	205/278	195/278 B	362.91/101.325	91-trchc
l-g	5.98066	1238.99	−51.208	278/378	278/375 A		91-trchc
l-g	5.98066 (1.9792)	1238.99 (282.4)	−51.208 (−12835)	378/537	375/537.3 B		95-trchc
<b>223</b>	<b>C<sub>7</sub>H<sub>16</sub></b>		<b>2,4-Dimethylpentane</b>				<b>108-08-7</b>
l-g	5.95442	1193.61	−51.343	262/368	248/363 A	353.62/101.325	91-trchc
l-g	5.95442 (1.926)	1193.61 (224.4)	−51.343 (−4163)	368/520	363/519.7 B		95-trchc
<b>224</b>	<b>C<sub>7</sub>H<sub>16</sub></b>		<b>3,3-Dimethylpentane</b>				<b>562-49-2</b>
l-g	5.94912	1227.02	−48.029	265/378	250/374 A	359.19/101.325	91-trchc
l-g	5.9491 (2.1528)	1227.02 (420.7)	−48.029 (−24617)	378/536	374/536.3 B		95-trchc

Phase	Antoine constants			<i>T</i> -range [K]	Range [K], Rating	<i>T</i> <sub>b</sub> [K]/ <i>P</i> <sub>b</sub> [kPa]	Ref. Note
	<i>A</i> , ( <i>n</i> )	<i>B</i> [K], ( <i>E</i> )	<i>C</i> [K], ( <i>F</i> )				
<b>225</b>	<b>C<sub>7</sub>H<sub>16</sub></b>		<b>3-Ethylpentane</b>				<b>617-78-7</b>
l-g	6.00449	1254.06	−53.015	273/378	263/375 A	366.62/101.325	91-trchc
l-g	6.00449 (2.3891)	1254.06 (565.8)	−53.015 (−38997)	378/541	375/540.5 B		95-trchc
<b>226</b>	<b>C<sub>7</sub>H<sub>16</sub></b>		<b>Heptane</b>				<b>142-82-5</b>
cr-g	10.6172	2286.1	−23.15	175/179	165/182.6 C	371.55/101.325	91-trchc
l-g	6.75691	1599.5	−29.95	185/274	182.6/274 B		91-trchc
l-g	6.02023	1263.91	−56.718	274/388	274/385 A		91-trchc
l-g	6.02023 (1.9856)	1263.91 (525.3)	−56.718 (−35423)	388/539	385/539.2 A		95-trchc
<b>227</b>	<b>C<sub>7</sub>H<sub>16</sub></b>		<b>2-Methylhexane</b>				<b>591-76-4</b>
l-g	5.99739	1235.52	−53.653	270/378	255/375 A	363.18/101.325	91-trchc
l-g	5.99739 (2.04)	1235.52 (575.2)	−53.653 (−40292)	378/530	375/530.1 B		95-trchc
<b>228</b>	<b>C<sub>7</sub>H<sub>16</sub></b>		<b>3-Methylhexane</b>				<b>589-34-4</b>
l-g	5.99571	1242.02	−53.715	272/378	260/375 A	365/101.325	91-trchc
l-g	5.99571 (1.8974)	1242.02 (267.3)	−53.715 (−9936)	378/535	375/535.2 B		95-trchc
<b>229</b>	<b>C<sub>7</sub>H<sub>16</sub></b>		<b>2,2,3-Trimethylbutane</b>				<b>464-06-2</b>
l-g	5.91555	1199.4	−47.242	261/368	249/365 A	354.01/101.325	91-trchc
l-g	5.91555 (1.9886)	1199.4 (309.7)	−47.242 (−16910)	368/531	365/531.1 B		95-trchc