

VAPOR PRESSURE

This table gives vapor pressure data for about 1800 inorganic and organic substances. In order to accommodate elements and compounds ranging from refractory to highly volatile in a single table, the temperature at which the vapor pressure reaches specified pressure values is listed. The pressure values run in decade steps from 1 Pa (about 7.5 $\mu\text{m Hg}$) to 100 kPa (about 750 mm Hg). All temperatures are given in $^{\circ}\text{C}$.

The data used in preparing the table came from a large number of sources; the main references used for each substance are indicated in the last column. Since the data were refit in most cases, values appearing in this table may not be identical with values in the source cited. The temperature entry in the 100 kPa column is close to, but not identical with, the normal boiling point (which is defined as the temperature at which the vapor pressure reaches 101.325 kPa). Although some temperatures are quoted to 0.1 $^{\circ}\text{C}$, uncertainties of several degrees should generally be assumed. Values followed by an "e" were obtained by extrapolating (usually with an Antoine equation) beyond the region for which experimental measurements were available and are thus subject to even greater uncertainty.

Compounds are listed by molecular formula following the Hill convention. Substances not containing carbon are listed first, followed by those that contain carbon. To locate an organic compound by name or CAS Registry Number when the molecular formula is not known, use the table "Physical Constants of Organic Compounds" in Section 3 and its indexes to determine the molecular formula. The indexes to "Physical Constants of Inorganic Compounds" in Section 4 can be used in a similar way.

More extensive and detailed vapor pressure data on selected important substances appear in other tables in this section of the *Handbook*. These substances are flagged by a symbol following the name as follows:

- * See "Vapor Pressure of Fluids below 300 K"
- ** See "IUPAC Recommended Data for Vapor Pressure Calibration"
- *** See "Vapor Pressure of Ice" and "Vapor Pressure of Water from 0 to 370 $^{\circ}\text{C}$ "

The following notations appear after individual temperature entries:

- s — Indicates the substance is a solid at this temperature.
- e — Indicates an extrapolation beyond the region where experimental measurements exist.
- i — Indicates the value was calculated from ideal gas thermodynamic functions, such as those in the *JANAF Thermochemical Tables* (see Reference 8).

References

1. Lide, D.R., and Kehiaian, H.V., *CRC Handbook of Thermophysical and Thermochemical Data*, CRC Press, Boca Raton, FL, 1994.
2. Stull, D., in *American Institute of Physics Handbook, Third Edition*, Gray, D.E., Ed., McGraw Hill, New York, 1972.
3. Hultgren, R., Desai, P.D., Hawkins, D.T., Gleiser, M., Kelley, K.K., and Wagman, D.D., *Selected Values of Thermodynamic Properties of the Elements*, American Society for Metals, Metals Park, OH, 1973.
4. Stull, D., *Ind. Eng. Chem.*, 39, 517, 1947.
5. *TRCVP, Vapor Pressure Database, Version 2.2P*, Thermodynamic Research Center, Texas A&M University, College Station, TX.
6. *TRC Thermochemical Tables*, Thermodynamic Research Center, Texas A&M University, College Station, TX.
7. Ohe, S., *Computer Aided Data Book of Vapor Pressure*, Data Book Publishing Co., Tokyo, 1976.
8. Chase, M.W., Davies, C.A., Downey, J.R., Frurip, D.J., McDonald, R.A., and Syverud, A.N., *JANAF Thermochemical Tables, Third Edition, J. Phys. Chem. Ref. Data*, Vol. 14, Suppl. 1, 1985.
9. Barin, I., *Thermochemical Data of Pure Substances*, VCH Publishers, New York, 1993.
10. Jacobsen, R.T., et. al, *International Thermodynamic Tables of the Fluid State, No. 10. Ethylene*, Blackwell Scientific Publications, Oxford, 1988.
11. Wakeham, W.A., *International Thermodynamic Tables of the Fluid State, No. 12. Methanol*, Blackwell Scientific Publications, Oxford, 1993.
12. Janz, G.J., *Molten Salts Handbook*, Academic Press, New York, 1967.
13. Ohse, R.W. *Handbook of Thermodynamic and Transport Properties of Alkali Metals*, Blackwell Scientific Publications, Oxford, 1994.
14. Gschneidner, K.A., in *CRC Handbook of Chemistry and Physics, 77th Edition*, p. 4–112, CRC Press, Boca Raton, FL, 1996.
15. Leider, H.R., Krikorian, O.H., and Young, D.A., *Carbon*, 11, 555, 1973.
16. Ruzicka, K., and Majer, V., *J. Phys. Chem. Ref. Data*, 23, 1, 1994.
17. Tillner-Roth, R., and Baehr, H.D., *J. Phys. Chem. Ref. Data*, 23, 657, 1994.
18. Younglove, B.A., and McLinden, M.O., *J. Phys. Chem. Ref. Data*, 23, 731, 1994.
19. Outcalt, S.L., and McLinden, M.O., *J. Phys. Chem. Ref. Data*, 25, 605, 1996.
20. Weber, L.A., and Defibaugh, D.R., *J. Chem. Eng. Data*, 41, 382, 1996.
21. Rodrigues, M.F., and Bernardo-Gil, M.G., *J. Chem. Eng. Data*, 41, 581, 1996.
22. Piacente, V., Gigli, G., Scardala, P., and Giustini, A., *J. Phys. Chem.*, 100, 9815, 1996.
23. Barton, J.L., and Bloom, H., *J. Phys. Chem.*, 60, 1413, 1956.
24. Sense, K.A., Alexander, C.A., Bowman, R.E., and Filbert, R.B., *J. Phys. Chem.*, 61, 337, 1957.
25. Ewing, C.T., and Stern, K.H., *J. Phys. Chem.* 78, 1998, 1974.
26. Cady, G.H., and Hargreaves, G.B., *J. Chem. Soc.*, 1563, 1961; 1568, 1961.
27. Skudlarski, K., Dudek, J., and Kapala, J., *J. Chem. Thermodynamics*, 19, 857, 1987.
28. Wagner, W., and de Reuck, K.M., *International Thermodynamic Tables of the Fluid State, No. 9. Oxygen*, Blackwell Scientific Publications, Oxford, 1987.
29. Marsh, K.N., Editor, *Recommended Reference Materials for the Realization of Physicochemical Properties*, Blackwell Scientific Publications, Oxford, 1987.
30. Alcock, C.B., Itkin, V.P., and Horrigan, M.K., *Canadian Metallurgical Quarterly*, 23, 309, 1984.
31. Stewart, R.B., and Jacobsen, R.T., *J. Phys. Chem. Ref. Data*, 18, 639, 1989.
32. Sifner, O., and Klomfar, J., *J. Phys. Chem. Ref. Data*, 23, 63, 1994.
33. Bah, A., and Dupont-Pavlovsky, N., *J. Chem. Eng. Data*, 40, 869, 1995.
34. Behrens, R.G., and Rosenblatt, G., *J. Chem. Thermodynamics*, 4, 175, 1972.
35. Behrens, R.G., and Rosenblatt, G., *J. Chem. Thermodynamics*, 5, 173, 1973.
36. Haar, L., Gallagher, J.S., and Kell, G.S., *NBS/NRC Steam Tables*, Hemisphere Publishing Corp., New York, 1984.
37. Wagner, W., Saul, A., and Pruss, A., *J. Phys. Chem. Ref. Data*, 23, 515, 1994.
38. Behrens, R.G., Lemons, R.S., and Rosenblatt, G., *J. Chem. Thermodynamics*, 6, 457, 1974.
39. Boublik, T., Fried, V., and Hala, E., *The Vapor Pressure of Pure Substances, Second Edition*, Elsevier, Amsterdam, 1984.
40. Goodwin, R.D., *J. Phys. Chem. Ref. Data*, 14, 849, 1985.
41. Younglove, B.A., and Ely, J.F., *J. Phys. Chem. Ref. Data*, 16, 577, 1987.

Mol. form.	Name	Temperature in °C for the indicated pressure						Ref.
		1 Pa	10 Pa	100 Pa	1 kPa	10 kPa	100 kPa	
<i>Substances not containing carbon:</i>								
Ag	Silver	1010	1140	1302	1509	1782	2160	2
AgBr	Silver(I) bromide	569 i	656 i	765 i	905 i	1093 i	1359 i	9
AgCl	Silver(I) chloride	670	769	873	1052	1264	1561	4
AgI	Silver(I) iodide	594	686	803	959	1177	1503	4
Al	Aluminum	1209	1359	1544	1781	2091	2517	2
AlB ₃ H ₁₂	Aluminum borohydride				-46.8	-9.4	45.5	4
AlCl ₃	Aluminum trichloride	58.4 s	76.5 s	97.1 s	120.7 s	148.2 s	180.5 s	4
AlF ₃	Aluminum trifluoride	744 s	819 s	906 s	1008 s	1130 s	1276 s	8
AlI ₃	Aluminum triiodide				218	285	385	4
Al ₂ O ₃	Aluminum oxide			2122	2351	2629	2975	4
Ar	Argon*		-226.4 s	-220.3 s	-212.4 s	-201.7 s	-186.0	1,5,31
As	Arsenic	280 s	323 s	373 s	433 s	508 s	601 s	3
AsCl ₃	Arsenic(III) chloride			-8 e	21.3	63.1	129.4	1
AsF ₃	Arsenic(III) fluoride					8.1	56.0	4
AsI ₃	Arsenic(III) iodide				187	261	367 e	7
As ₂ O ₃	Arsenic(III) oxide (arsenolite)	133.7 s	163.0 s	196.8 s	236.2 s	283.0		34
At	Astatine	88 s	119 s	156 s	202 s	258 s	334	2
Au	Gold	1373	1541	1748	2008	2347	2805	2
B	Boron	2075	2289	2549	2868	3272	3799	2
BBr ₃	Boron tribromide			-45 e	-15 e	27.5	90.4	1
BCl ₃	Boron trichloride*			-94.0	-70.5	-37.4	12.3	4
BF ₃	Boron trifluoride*	-173.9 s	-166.0 s	-156.0 s	-143.0 s	-125.9	-101.1	4
B ₂ F ₄	Tetrafluorodiborane						-34	1
B ₂ H ₆	Diborane			-162 e	-147.0	-125.8	-92.6	1
B ₅ H ₉	Pentaborane(9)				-34.8	3.8	57.6	4
Ba	Barium	638 s	765	912	1115	1413	1897	9
Be	Beryllium	1189 s	1335	1518	1750	2054	2469	2
BeBr ₂	Beryllium bromide	203 s	240 s	283 s	335 s	397 s	473 s	4
BeCl ₂	Beryllium chloride	196 s	237 s	284 s	339 s	402 s	487	4
BeF ₂	Beryllium fluoride		686 e	767 e	869	999	1172 e	7
BeI ₂	Beryllium iodide	188 s	229 s	276 s	333 s	402 s	487	4
Bi	Bismuth	668	768	892	1052	1265	1562	2
BiBr ₃	Bismuth tribromide			217 s	273 i	348 i	455 i	4,9
BiCl ₃	Bismuth trichloride				248.9	328.6	438.7	1,4
BrCs	Cesium bromide	531 s	601 s	701 i	834 i	1019 i	1293 e	9
BrH	Hydrogen bromide*		-153.3 s	-140.4 s	-123.8 s	-101.5 s	-67.0	5
BrH ₃ Si	Bromosilane				-81.0	-47.3	2.2	4
BrH ₄ N	Ammonium bromide	121 s	154 s	195 s	246 s	310.4 s	395.1 s	5
BrK	Potassium bromide	597 s	674 s	773				25
BrLi	Lithium bromide		630	733	868	1049	1308	4
BrNa	Sodium bromide			791	931	1120	1389	4
BrRb	Rubidium bromide			766	903	1087	1350	4
BrTl	Thallium(I) bromide				509	635	817	4
Br ₂	Bromine*	-87.7 s	-71.8 s	-52.7 s	-29.3 s	2.5	58.4	1
Br ₂ Cd	Cadmium bromide	373 s	435 s	509 s				27
Br ₂ Hg	Mercury(II) bromide	71 s	98 s	132 s	174 s	227 s	318	4
Br ₂ OS	Thionyl bromide	-49 e	-29 e	-5 e	27.8	72.9	139.6	5
Br ₂ Pb	Lead(II) bromide	374	431	502	597	726	914	4
Br ₂ S ₂	Sulfur bromide	-7 e	15 e	42 e	78.4	128.1	200.9	5
Br ₃ In	Indium(III) bromide			304.6 s	328.7 s	364.8 s		1
Br ₃ OP	Phosphorus(V) oxybromide				64 e	115.5	191.4	5
Br ₃ P	Phosphorus(III) bromide		-23 e	5 e	42.3	94.6	172.6	5
Br ₃ Sb	Antimony(III) bromide				136.5	196.9	286.5	1
Br ₄ Ge	Germanium(IV) bromide				51	105	188	4
Br ₄ Sn	Tin(IV) bromide				67	122	204	4
Br ₄ Zr	Zirconium(IV) bromide	136 s	167 s	203 s	245 s	295 s	356 s	4
Br ₅ P	Phosphorus(V) bromide		-19 s	4 s	31 s	65.5 s	110.1	5
Ca	Calcium	591 s	683 s	798 s	954	1170	1482	2
Cd	Cadmium	257 s	310 s	381	472	594	767	2

Mol. form.	Name	Temperature in °C for the indicated pressure						Ref.
		1 Pa	10 Pa	100 Pa	1 kPa	10 kPa	100 kPa	
CdCl ₂	Cadmium chloride	412 s	471 s	541 s	634	768	959	23, 27
CdF ₂	Cadmium fluoride				1257	1461	1742	4
CdI ₂	Cadmium iodide	296 s	344 s	406	498	622	795	4,27
CdO	Cadmium oxide	770 s	866 s	983 s	1128 s	1314 s	1558 s	4
Ce	Cerium	1719	1921	2169	2481	2886	3432	14
ClCs	Cesium chloride			730	864	1043	1297	4
ClCu	Copper(I) chloride		459	543	675	914	1477	4
ClF	Chlorine fluoride*				-144.4	-122.6	-90.2	5
ClF ₂ P	Phosphorus(III) chloride difluoride				-119.5	-91.1	-47.6	5
ClF ₃	Chlorine trifluoride				-63.7	-33.0	11.4	5
ClF ₅	Chlorine pentafluoride				-88 e	-59	-14	7
ClH	Hydrogen chloride*				-138.2 s	-118.0	-85.2	1,5
ClHO ₃ S	Chlorosulfonic acid	-40 e	-20 e	5 e	38.7	85.0	153.6	5
ClH ₄ N	Ammonium chloride	91 s	121 s	159 s	204.7 s	263.1 s	339.5 s	5
ClK	Potassium chloride	625 s	704 s	804	945	1137	1411	23,25
ClLi	Lithium chloride		649 i	761 i	905 i	1101 i	1381 i	8
ClNO	Nitrosyl chloride		-116 s	-100 s	-78.7 s	-50.2	-5.7	5
ClNO ₂	Nitryl chloride	-121 e	-113 e	-102 e	-86.1	-60.9	-15.7	5
ClNa	Sodium chloride	653 s	733 s	835	987	1182	1461	23,25
ClO ₂	Chlorine dioxide*					-34.3	10.5	5
ClRb	Rubidium chloride			777	916	1105	1379	4
ClTl	Thallium(I) chloride				504	626	806	4
Cl ₂	Chlorine*	-145 s	-133.7 s	-120.2 s	-103.6 s	-76.1	-34.2	1
Cl ₂ Co	Cobalt(II) chloride					818	1048	4
Cl ₂ FP	Phosphorus(III) dichloride fluoride				-71.1	-37.4	13.5	5
Cl ₂ F ₃ P	Phosphorus(V) dichloride trifluoride		-120 e	-101 e	-77.1	-44.3	3 e	7
Cl ₂ Fe	Iron(II) chloride				685	821	1025	4
Cl ₂ Hg	Mercury(II) chloride	64.4 s	94.7 s	130.8 s	174.5 s	228.5 s	304.0	4
Cl ₂ Mg	Magnesium chloride			762	908	1111	1414	4
Cl ₂ Mn	Manganese(II) chloride				760	933	1189	4
Cl ₂ Ni	Nickel(II) chloride	534 s	592 s	662 s	747 s	852 s	985 s	4
Cl ₂ OS	Thionyl chloride	-99 e	-81 e	-58 e	-27.1	14.6	75.2	5
Cl ₂ O ₂ S	Sulfuryl chloride				-27 e	11.8	69.0	5
Cl ₂ Pb	Lead(II) chloride			541 e	637	765	949	23
Cl ₂ S	Sulfur dichloride	-76 e	-61 e	-41 e	-16.7	15.3	58.7	5
Cl ₂ S ₂	Sulfur chloride	-55 e	-36 e	-12 e	21.0	67.2	137.1	5
Cl ₂ Sn	Tin(II) chloride		253	308	381	479	622	4
Cl ₂ Zn	Zinc chloride	305 i	356 i	419 i	497 i	596 i	726 i	4,9,12
Cl ₃ Fe	Iron(III) chloride	118 s	153 s	190 s	229 s	268 s	319	4
Cl ₃ HSi	Trichlorosilane			-81 e	-56 e	-21 e	31.6	7
Cl ₃ N	Nitrogen trichloride				-25 e	13.2	70.6	5
Cl ₃ OP	Phosphorus(V) oxychloride					39.9	105.0	5
Cl ₃ P	Phosphorus(III) chloride	-93 e	-77 e	-55 e	-26.0	14.5	75.7	5
Cl ₄ Po	Polonium(IV) chloride					300.6	389.4	5
Cl ₄ Se	Selenium tetrachloride	23 s	45 s	71 s	102 s	141.4 s	191.1 s	5
Cl ₄ Si	Tetrachlorosilane*				-39 e	0 e	57.3	1
Cl ₄ Te	Tellurium tetrachloride				237 e	299.4	387.8	5
Cl ₄ Zr	Zirconium(IV) chloride	117 s	146 s	181 s	222 s	272 s	336 s	9
Cl ₅ P	Phosphorus(V) chloride	-2 s	19 s	44 s	74 s	111.4 s	158.9 s	5
Co	Cobalt	1517	1687	1892	2150	2482	2925	2
Cr	Chromium	1383 s	1534 s	1718 s	1950	2257	2669	2
Cs	Cesium	144.5	195.6	260.9	350.0	477.1	667.0	13,30
CsF	Cesium fluoride				825	999	1249	4
CsI	Cesium iodide	523 s	595 s	692	854	1029	1278	4,25
Cu	Copper	1236	1388	1577	1816	2131	2563	2
CuI	Copper(I) iodide				636	864	1331	4
Dy	Dysprosium	1105 s	1250 s	1431 i	1681 i	2031 i	2558 i	3
Er	Erbium	1231 s	1390 s	1612 i	1890 i	2279 i	2859 i	3

Mol. form.	Name	Temperature in °C for the indicated pressure						Ref.
		1 Pa	10 Pa	100 Pa	1 kPa	10 kPa	100 kPa	
Eu	Europium	590 s	684 s	799 s	961	1179	1523	14
FH	Hydrogen fluoride*				-71.1	-33.7	19.2	1,5
FHO ₃ S	Fluorosulfonic acid	-14 e	4 e	28 e	59.1	101.3	162.2	5
FK	Potassium fluoride			869	1017	1216	1499	4
FLi	Lithium fluoride	801 s	896	1024	1188	1395	1672	4,12,25
FNO	Nitrosyl fluoride			-131 e	-116.1	-94.3	-60.1	5
FNO ₂	Nitryl fluoride		-156 e	-144 e	-128.1	-106.0	-72.6	5
FNO ₃	Fluorine nitrate	-160 e	-149 e	-135 e	-115.1	-87.4	-45.0	5
FNa	Sodium fluoride		920 s	1058	1218	1426	1702	4,12,24
FRb	Rubidium fluoride			910	1001	1145	1409	4,12
F ₂	Fluorine*	-235 s	-229.5 s	-222.9 s	-214.8	-204.3	-188.3	1,5
F ₂ O	Fluorine monoxide*	-211.7	-204.7	-195.9	-184.2	-168.2	-144.9	5
F ₂ OS	Thionyl fluoride			-124 e	-106.5	-81.5	-44.1	5
F ₂ O ₂ Re	Rhenium(VI) dioxydifluoride				89.2	131.9	185 e	26
F ₂ Pb	Lead(II) fluoride				865	1054	1292	4
F ₂ Xe	Xenon difluoride			2.9 s	31.8 s	67.9 s	114 s	1,5
F ₂ Zn	Zinc fluoride	731 s	813 s	911 i	1048 i	1237 i	1503 i	9
F ₃ N	Nitrogen trifluoride*	-201 e	-194 e	-185 e	-172.8	-155.5	-129.2	5
F ₃ OP	Phosphorus(V) oxyfluoride	-124 s	-113 s	-100 s	-83.7 s	-64.1 s	-39.7 s	5
F ₃ P	Phosphorus(III) fluoride*				-152 e	-132.6	-101.4	5
F ₄ MoO	Molybdenum(VI) oxytetrafluoride	-21 s	3 s	33 s	69.3 s	117.3	184.1	26
F ₄ ORe	Rhenium(VI) oxytetrafluoride	5 s	26 s	50.7 s	80.1 s	117.1	171.2	26
F ₄ OW	Tungsten(VI) oxytetrafluoride	2 s	25 s	52.1 s	84.3 s	126.7	185.4	26
F ₄ S	Sulfur tetrafluoride				-110.0	-82.1	-40.3	5
F ₄ Se	Selenium tetrafluoride				13.6	51.6	104.7	5
F ₄ Si	Tetrafluorosilane*	-166 s	-157 s	-145.6 s	-132.3 s	-115.7 s	-94.9 s	4,7
F ₅ Mo	Molybdenum(V) fluoride				86.6	140.3	213 e	26
F ₅ Nb	Niobium(V) fluoride				80	140	224	4
F ₅ ORe	Rhenium(VII) oxypentafluoride	-103 s	-84 s	-59 s	-28 s	13.7 s	72.8	26
F ₅ Os	Osmium(V) fluoride			74.1	113.2	162.3	226 e	26
F ₅ P	Phosphorus(V) fluoride	-157 s	-148 s	-137 s	-124.5 s	-108.6 s	-84.8	5
F ₅ Re	Rhenium(V) fluoride			58.8	99.5	152 e	221 e	26
F ₅ Ta	Tantalum(V) fluoride					119	229	4
F ₆ Ir	Iridium(VI) fluoride	-88 s	-71 s	-51 s	-27 s	3.8 s	53.1	26
F ₆ Mo	Molybdenum(VI) fluoride	-98 s	-82 s	-64 s	-41.2 s	-13.4 s	33.5	26
F ₆ Os	Osmium(VI) fluoride	-89 s	-73 s	-54 s	-30.6 s	-1.7 s	47.4	26
F ₆ Re	Rhenium(VI) fluoride	-97 s	-82 s	-63 s	-40.2 s	-11.9 s	33.4	26
F ₆ S	Sulfur hexafluoride*	-158 s	-147 s	-133.6 s	-116.6 s	-94.4 s	-64.1 s	5
F ₆ Se	Selenium hexafluoride	-143 s	-132 s	-118 s	-100.7 s	-77.8 s	-46.5 s	5
F ₆ Te	Tellurium hexafluoride	-142 s	-130 s	-115 s	-96 s	-71.8 s	-39.1 s	5
F ₆ W	Tungsten(VI) fluoride	-107 s	-92 s	-74 s	-52.1 s	-24.8 s	16.9	26
F ₁₀ S ₂	Sulfur decafluoride					-22.0	28.5	5
Fe	Iron	1455 s	1617	1818	2073	2406	2859	2
Fr	Francium	131 e	181 e	246 e	335 e	465 e	673 e	2
Ga	Gallium	1037	1175	1347	1565	1852	2245	2
Gd	Gadolinium	1563 i	1755 i	1994 i	2300 i	2703 i	3262 i	3
Ge	Germanium	1371	1541	1750	2014	2360	2831	2
HI	Hydrogen iodide*	-146 s	-135.2 s	-120.8 s	-101.9 s	-75.9 s	-35.9	5
HKO	Potassium hydroxide	520 e	601 e	704	842	1035	1325	4
HNO ₃	Nitric acid			-37 e	-9 e	28.4	82.2	5
HN ₃	Hydrazoic acid			-79 e	-54 e	-18.0	35.7	5
HNaO	Sodium hydroxide	513	605	722	874	1080	1377	4
H ₂	Hydrogen*					-258.6	-252.8	1
H ₂ L ₂ Si	Diiodosilane				11.8	70.5	149.4	4
H ₂ O	Water***	-60.7 s	-42.2 s	-20.3 s	7.0	45.8	99.6	36,37
H ₂ O ₂	Hydrogen peroxide			13 e	45 e	89.0	149.8	5
H ₂ O ₄ S	Sulfuric acid	72	103	140	187	248	330	4
H ₂ S	Hydrogen sulfide*		-149 s	-136 s	-118.9 s	-95.9 s	-60.5	1,5
H ₂ S ₂	Hydrogen disulfide				-27 e	12.2	70.7	5

Mol. form.	Name	Temperature in °C for the indicated pressure						Ref.
		1 Pa	10 Pa	100 Pa	1 kPa	10 kPa	100 kPa	
H ₂ Se	Hydrogen selenide	-145 s	-134 s	-120 s	-102.8 s	-78.9 s	-41.5	5
H ₂ Te	Hydrogen telluride					-46.6	-2.3	5
H ₃ ISi	Iodosilane				-47.7	-10.1	45.2	4
H ₃ N	Ammonia*	-139 s	-127 s	-112 s	-94.5 s	-71.3	-33.6	1,5,6
H ₃ NO	Hydroxylamine				43.7	73.3	109.8	4
H ₃ P	Phosphine*	-182 s	-173 s	-161 s	-145 s	-122.7	-88.0	5
H ₄ IN	Ammonium iodide	125 s	159 s	201 s	253 s	318.4 s	405.2 s	5
H ₄ N ₂	Hydrazine				14.7	55.6	113 e	5
H ₄ Si	Silane*			-181	-165.4	-143.7	-111.8	4
He	Helium*					-270.6	-268.9	2
Hf	Hafnium	2416	2681	3004	3406	3921	4603	9
Hg	Mercury**	42.0	76.6	120.0	175.6	250.3	355.9	29,30
HgI ₂	Mercury(II) iodide	85.1 s	115.6 s	152.4 s	197.8 s	255.1 s	353.6	4
Ho	Holmium	1159 s	1311 s	1502 i	1767 i	2137 i	2691 i	3
IK	Potassium iodide			731	866	1052	1322	4
ILi	Lithium iodide	545	619	710	824	972	1170	4
INa	Sodium iodide			753	883	1058	1301	4
IRb	Rubidium iodide			733	866	1045	1302	4
ITl	Thallium(I) iodide				520	644	821	4
I ₂	Iodine (rhombic)	-12.8 s	9.3 s	35.9 s	68.7 s	108 s	184.0	1,2
I ₂ Pb	Lead(II) iodide			470	558	682	869	4
I ₂ Zn	Zinc iodide	301 s	351 s	409 s	488 i	598 i	750 i	9
I ₃ Sb	Antimony(III) iodide				214.9	292.0	401.2	4
I ₄ Sn	Tin(IV) iodide				167.1	242.7	347.7	4
I ₄ Zr	Zirconium(IV) iodide	187 s	220 s	259 s	305 s	361 s	430 s	4
In	Indium	923	1052	1212	1417	1689	2067	2
Ir	Iridium	2440 s	2684	2979	3341	3796	4386	2
K	Potassium	200.2	256.5	328	424	559	756.2	13,30
Kr	Krypton*	-214.0 s	-208.0 s	-199.4 s	-188.9 s	-174.6 s	-153.6	5
La	Lanthanum	1732 i	1935 i	2185 i	2499 i	2905 i	3453 i	3
Li	Lithium	524.3	612.3	722.1	871.2	1064.3	1337.1	13,30
Lu	Lutetium	1633 s	1829.8	2072.8	2380 i	2799 i	3390 i	3
Mg	Magnesium	428 s	500 s	588 s	698	859	1088	2
Mn	Manganese	955 s	1074 s	1220 s	1418	1682	2060	2
Mo	Molybdenum	2469 s	2721	3039	3434	3939	4606	2
MoO ₃	Molybdenum(VI) oxide				801	935	1151	4
NO	Nitric oxide*	-201 s	-195 s	-188 s	-179.3 s	-168.1 s	-151.9	5
N ₂	Nitrogen*	-236 s	-232 s	-226.8 s	-220.2 s	-211.1 s	-195.9	1,5
N ₂ O	Nitrous oxide*	-167 s	-157 s	-145.4 s	-131.1 s	-112.9 s	-88.7	5
N ₂ O ₄	Nitrogen tetroxide	-92 s	-78 s	-61 s	-41.1 s	-16.6 s	28.7	5
N ₂ O ₅	Nitrogen pentoxide	-71 s	-56 s	-40 s	-19.9 s	3.9 s	33.2	5
Na	Sodium	280.6	344.2	424.3	529	673	880.2	13,30
Nb	Niobium	2669	2934	3251	3637	4120	4740	2
Nd	Neodymium	1322.3	1501.2	1725.3	2023 i	2442 i	3063 i	3
Ne	Neon*	-261 s	-260 s	-258 s	-255 s	-252 s	-246.1	2
Ni	Nickel	1510	1677	1881	2137	2468	2911	2
OPb	Lead(II) oxide	724	816	928	1065	1241	1471	4
OSr	Strontium oxide	1789 s	1903 s	2047 s	2235 s	2488 s		4
O ₂	Oxygen*				-211.9	-200.5	-183.1	1,28
O ₂ S	Sulfur dioxide*			-98 s	-80 s	-52.2	-10.3	1,5
O ₂ Se	Selenium dioxide	124.5 s	153.9 s	188 s	228 s	275 s	315 s	38
O ₂ Si	Silicon dioxide	1966 i	2149 i	2368 i				8
O ₃	Ozone*	-189 e	-182 e	-172 e	-158 e	-139.7	-111.5	5
O ₃ P ₂	Phosphorus(III) oxide				47.3	100.3	172.8	4
O ₃ S	Sulfur trioxide				-20 s	6.6 s	44.5	5
O ₃ Sb ₂	Antimony(III) oxide (valentinite)	426.1 s	478 s	539 s	610 s	907	1420	4,35
O ₅ P ₂	Phosphorus(V) oxide	285 s	328 s	377.5 s	434.4 s	500.5 s	591	4
O ₇ Re ₂	Rhenium(VII) oxide	147 s	176 s	208 s	244 s	284 s	362	4
Os	Osmium	2887 s	3150	3478	3875	4365	4983	2

Mol. form.	Name	Temperature in °C for the indicated pressure						Ref.
		1 Pa	10 Pa	100 Pa	1 kPa	10 kPa	100 kPa	
P	Phosphorus (white)	6 s	34 s	69	115	180	276	3,9
P	Phosphorus (red)	182 s	216 s	256 s	303 s	362 s	431 s	2,3
Pb	Lead	705	815	956	1139	1387	1754	2
PbS	Lead(II) sulfide	656 s	741 s	838 s	953 s	1088 s	1280	4
Pd	Palladium	1448 s	1624	1844	2122	2480	2961	2
Po	Polonium				573 e	730.2	963.3	5
Pr	Praseodymium	1497.7	1699.4	1954 i	2298 i	2781 i	3506 i	3
Pt	Platinum	2057	2277 e	2542	2870	3283	3821	2
Pu	Plutonium	1483	1680	1925	2238	2653	3226	2
Ra	Radium	546 s	633 s	764	936	1173	1526	2
Rb	Rubidium	160.4	212.5	278.9	368	496.1	685.3	13,30
Re	Rhenium	3030 s	3341	3736	4227	4854	5681	2
Rh	Rhodium	2015	2223	2476	2790	3132	3724	2
Rn	Radon*	-163 s	-152 s	-139 s	-121.4 s	-97.6 s	-62.3	5
Ru	Ruthenium	2315 s	2538	2814	3151	3572	4115	2
S	Sulfur	102 s	135	176	235	318	444	3
Sb	Antimony	534 s	603 s	738	946	1218	1585	2,3
Sc	Scandium	1372 s	1531 s	1733 i	1993 i	2340 i	2828 i	3
Se	Selenium	227	279	344	431	540	685	3
Si	Silicon	1635	1829	2066	2363	2748	3264	2
Sm	Samarium	728 s	833 s	967 s	1148 i	1402 i	1788 i	3
Sn	Tin	1224	1384	1582	1834	2165	2620	2
Sr	Strontium	523 s	609 s	717 s	866	1072	1373	2
Ta	Tantalum	3024	3324	3684	4122	4666	5361	2
Tb	Terbium	1516.1	1706.1	1928 i	2232 i	2640 i	3218 i	3
Tc	Technetium	2454 e	2725 e	3051 e	3453 e	3961 e	4621 e	2
Te	Tellurium			502 e	615 e	768.8	992.4	5
Th	Thorium	2360	2634	2975	3410	3986	4782	2
Ti	Titanium	1709	1898	2130 e	2419	2791	3285	2
Tl	Thallium	609	704	824	979	1188	1485	2
Tm	Thulium	844 s	962 s	1108 s	1297 s	1548 i	1944 i	3
U	Uranium	2052	2291	2586	2961	3454	4129	2
V	Vanadium	1828 s	2016	2250	2541	2914	3406	2
W	Tungsten	3204 s	3500	3864	4306	4854	5550	2
Xe	Xenon*	-190 s	-181 s	-170 s	-155.8 s	-136.6 s	-108.4	5,32
Y	Yttrium	1610.1	1802.3	2047 i	2354 i	2763 i	3334 i	3
Yb	Ytterbium	463 s	540 s	637 s	774 s	993 i	1192 i	3
Zn	Zinc	337 s	397 s	477	579	717	912 e	2
Zr	Zirconium	2366	2618	2924	3302	3780	4405	2

Substances containing carbon:

C	Carbon (graphite)		2566 s	2775 s	3016 s	3299 s	3635 s	15
CBrClF ₂	Bromochloro-difluoromethane	-136 e	-123 e	-106 e	-83.4	-51.8	-4.3	1
CBrCl ₃	Bromotrichloromethane				-6 e	38.9	104.4	5
CBrF ₃	Bromotrifluoromethane*	-168 e	-156 e	-142 e	-122.8	-96.6	-58.1	5
CBrN	Cyanogen bromide				-13 s	17.7 s	61.0	1
CBr ₂ F ₂	Dibromodifluoromethane		-110 e	-91 e	-66 e	-30 e	22.5	1
CBr ₄	Tetrabromomethane			25.6 s	65.8 s	111.6	188.9	5
CClF ₃	Chlorotrifluoromethane	-176 e	-167 e	-155 e	-139 e	-116 e	-81.7	5
CClN	Cyanogen chloride		-94.6 s	-78.1 s	-57 s	-29 s	13.0	5
CCl ₂ F ₂	Dichlorodifluoromethane*	-150 e	-138 e	-122 e	-101.8	-73.1	-30.0	5
CCl ₂ O	Carbonyl chloride	-127 e	-113 e	-96 e	-73 e	-40.6	7.2	5
CCl ₃ F	Trichlorofluoromethane*		-107 e	-89 e	-63 e	-28.5	23.3	1,5
CCl ₃ NO ₂	Trichloronitromethane		-59 e	-30 e	4.4	47.8	112.0	5
CCl ₄	Tetrachloromethane*	-79.4 s	-70.8 s	-53.5 s	-24.4 s	15.8	76.2	1,5
CFN	Cyanogen fluoride		-135 s	-121.2 s	-104.1 s	-82.8 s	-46.2	1,5
CF ₄	Tetrafluoromethane*	-199.9 s	-193 s	-183.9 s	-171.6	-153.9	-128.3	1,5
CHBrF ₂	Bromodifluoromethane		-128 s	-111.4 s	-89.7 s	-59.7 s	-16 s	5
CHBr ₃	Tribromomethane				30.5	78.3	148.8	1
CHClF ₂	Chlorodifluoromethane*	-152 e	-141 e	-126 e	-107.1	-80.5	-41.1	5
CHCl ₂ F	Dichlorofluoromethane	-76 e	-70 e	-61 e	-49 e	-28.7	8.6	1

Mol. form.	Name	Temperature in °C for the indicated pressure						Ref.
		1 Pa	10 Pa	100 Pa	1 kPa	10 kPa	100 kPa	
CHCl ₃	Trichloromethane*			-61 e	-34 e	4.3	60.8	1
CHF ₃	Trifluoromethane*			-152 e	-136 e	-114.4	-82.3	1
CHI ₃	Triiodomethane	51.1 s	82.7 s	121 e			218.0	5
CHN	Hydrogen cyanide*			-77 s	-52.6 s	-22.7 s	25.4	1,5
CHNO	Cyanic acid			-81.1	-56.8	-23.9	23 e	5
CH ₂ BrCl	Bromochloromethane	-83 e	-69 e	-50 e	-25 e	11.4	67.7	1
CH ₂ Br ₂	Dibromomethane			-37 e	-7 e	35.2	96.5	5
CH ₂ ClF	Chlorofluoromethane		-124 e	-108 e	-86.2	-55.7	-9.4	5
CH ₂ Cl ₂	Dichloromethane*		-92 e	-73 e	-48 e	-12.5	39.3	1
CH ₂ F ₂	Difluoromethane*	-156.7	-145.8	-131.9	-113.6	-88.6	-51.9	1
CH ₂ I ₂	Diiodomethane			17 e	55 e	106.1	181.6	5
CH ₂ O	Formaldehyde*				-91 e	-61.7	-19.3	1
CH ₂ O ₂	Formic acid	-56 s	-40.4 s	-22.3 s	-0.8 s	37.0	100.2	1,5
CH ₃ AsF ₂	Methyldifluoroarsine				-15 e	22.1	76.1	5
CH ₃ BO	Borane carbonyl				-124	-99	-64	4
CH ₃ Br	Bromomethane				-77 e	-44.3	3.3	1
CH ₃ Cl	Chloromethane*	-140.2 s	-128.6 s	-114.7 s	-96 e	-67.1	-24.4	1,33
CH ₃ Cl ₃ Si	Methyltrichlorosilane		-83 e	-61 e	-33 e	7 e	65.7	1
CH ₃ F	Fluoromethane*				-130 e	-111 e	-78.6	1
CH ₃ I	Iodomethane				-49 e	-12.4	42.1	1
CH ₃ NO	Formamide		22 e	53 e	93 e	145.0	218 e	5
CH ₃ NO ₂	Nitromethane				-2 e	40 e	100.8	1
CH ₃ NO ₃	Methyl nitrate		-75 e	-55 e	-27 e	9.8	63 e	5
CH ₄	Methane*	-220 s	-214.2 s	-206.8 s	-197 s	-183.6 s	-161.7	5,41
CH ₄ Cl ₂ Si	Dichloromethylsilane			-77 e	-51 e	-14 e	40.5	1
CH ₄ O	Methanol*	-87 e	-69 e	-47.5	-20.4	15.2	64.2	11
CH ₄ S	Methanethiol		-115 e	-97 e	-74 e	-41.7	5.7	1
CH ₅ ClSi	Chloromethylsilane	-129 e	-115 e	-97.9	-74.4	-41.5	8.3	5
CH ₅ N	Methylamine				-76.7	-48.1	-6.6	1
CH ₆ N ₂	Methylhydrazine			-31 e	-4.7	32.9	91 e	1
CH ₆ OSi	Methyl silyl ether				-90.2	-61.8	-18 e	1
CH ₆ Si	Methylsilane			-144 e	-124.6	-97.5	-57.5	5
CIN	Cyanogen iodide						153.8	5
CNNa	Sodium cyanide		672 e	798	961	1182	1497	4
CN ₄ O ₈	Tetranitromethane				18.0	61.8	124 e	5
CO	Carbon monoxide*			-223 s	-216.5 s	-207.2 s	-191.7	40
COS	Carbon oxysulfide*			-136 e	-117 e	-90.0	-50.4	1
COSe	Carbon oxyselenide			-120	-98	-67	-22	4
CO ₂	Carbon dioxide*	-159.1 s	-148.9 s	-136.7 s	-121.6 s	-103.1 s	-78.6 s	5
CS ₂	Carbon disulfide		-96 e	-76 e	-49 e	-10.9	45.9	1
CSe ₂	Carbon diselenide			-24 e	9.4	56.2	127 e	1
C ₂ Br ₂ ClF ₃	1,2-Dibromo-1-chloro-1,2,2-trifluoroethane						92.3	5
C ₂ Br ₂ F ₄	1,2-Dibromotetrafluoroethane		-97 e	-75 e	-46 e	-7.2	47.1	5
C ₂ Br ₄	Tetrabromoethylene		-54.5 s	-31.7 s	-3.5 s	32.2 s	226.0	5
C ₂ ClF ₃	Chlorotrifluoroethylene	-146 e	-134 e	-119 e	-99 e	-71 e	-28.4	1
C ₂ ClF ₅	Chloropentafluoroethane					-80.3	-39.4	1
C ₂ Cl ₂ F ₄	1,1-Dichlorotetrafluoroethane					-45.4	2.7	5
C ₂ Cl ₂ F ₄	1,2-Dichlorotetrafluoroethane				-76.8	-44.9	3.2	5
C ₂ Cl ₃ F ₃	1,1,1-Trichlorotrifluoroethane						45.6	1,5
C ₂ Cl ₃ F ₃	1,1,2-Trichlorotrifluoroethane					-8.2	47.3	1,5
C ₂ Cl ₃ N	Trichloroacetonitrile				-16 e	25.3	85.1	1
C ₂ Cl ₄	Tetrachloroethylene			-22 e	10 e	54.4	120.7	1
C ₂ Cl ₄ F ₂	1,1,1,2-Tetrachloro-2,2-difluoroethane				-7 e	31.0	91.1	5
C ₂ Cl ₄ F ₂	1,1,2,2-Tetrachloro-1,2-difluoroethane					32.3	92.5	1
C ₂ Cl ₄ O	Trichloroacetyl chloride			-25 e	7 e	51.7	117.8	1,5
C ₂ Cl ₆	Hexachloroethane	-7.6 s	9.9 s	33.6 s	67.7 s	116.9 s	184.2 s	5
C ₂ F ₃ N	Trifluoroacetonitrile				-126.1	-102.5	-67.8	1
C ₂ F ₄	Tetrafluoroethylene				-132.3	-109.7	-75.8	1
C ₂ F ₄ N ₂ O ₄	1,1,2,2-Tetrafluoro-1,2-dinitroethane				-30 e	6.4	59.5	5

Mol. form.	Name	Temperature in °C for the indicated pressure					Ref.	
		1 Pa	10 Pa	100 Pa	1 kPa	10 kPa		100 kPa
C ₂ F ₆	Hexafluoroethane**			-155.2 s	-137.5 s	-113.4 s	-78.4 s	1,5
C ₂ HBrClF ₃	2-Bromo-2-chloro-1,1,1-trifluoroethane				-41.4	-4.8	49.8	1
C ₂ HBr ₃ O	Tribromoacetaldehyde			15.0	52.7	103.0	173.5	5
C ₂ HClF ₄	1-Chloro-1,1,2,2-tetrafluoroethane			-110 e	-87.6	-57.0	-12.1	5
C ₂ HCl ₂ F ₃	2,2-Dichloro-1,1,1-trifluoroethane		-101.0	-82.2	-57.4	-23.3	26.7	18
C ₂ HCl ₃	Trichloroethylene	-74 e	-59 e	-39 e	-12 e	26.7	86.8	1
C ₂ HCl ₃ O	Trichloroacetaldehyde			-41.6	-9.8	33.8	97.4	5
C ₂ HCl ₃ O ₂	Trichloroacetic acid				83.8	130.0	197.2	1,5
C ₂ HCl ₅	Pentachloroethane		-23 e	3 e	37.4	86.0	159.4	1
C ₂ HF ₃ O ₂	Trifluoroacetic acid					16.8	71.4	1,5
C ₂ HF ₅ O	Trifluoromethyl difluoromethyl ether	-147 e	-136 e	-121 e	-102 e	-75.0	-35.4	20
C ₂ H ₂	Acetylene*			-146.6 s	-130.7 s	-110.6 s	-84.8 s	5
C ₂ H ₂ Br ₂	<i>cis</i> -1,2-Dibromoethylene		-45 e	-21 e	10 e	52.2	114.8	1
C ₂ H ₂ Br ₂	<i>trans</i> -1,2-Dibromoethylene				-4 e	42.2	107.4	5
C ₂ H ₂ Br ₂ Cl ₂	1,2-Dibromo-1,1-dichloroethane					103.6	177.8	5
C ₂ H ₂ Br ₂ Cl ₂	1,2-Dibromo-1,2-dichloroethane		-11 e	22 e	64.1	119 e	193 e	5
C ₂ H ₂ Br ₄	1,1,2,2-Tetrabromoethane	14 e	38 e	69 e	109 e	163.7	242.9	5
C ₂ H ₂ Cl ₂	1,1-Dichloroethylene	-116 e	-101 e	-82 e	-57 e	-21.4	31.2	1
C ₂ H ₂ Cl ₂	<i>cis</i> -1,2-Dichloroethylene			-62 e	-34 e	3.8	60.3	1
C ₂ H ₂ Cl ₂	<i>trans</i> -1,2-Dichloroethylene				-44 e	-7.5	47.3	1
C ₂ H ₂ Cl ₂ F ₂	1,2-Dichloro-1,1-difluoroethane	-101 e	-87 e	-68 e	-42.2	-6.8	46.3	5
C ₂ H ₂ Cl ₂ O	Chloroacetyl chloride			-23.7	5.6	46.1	105.6	5
C ₂ H ₂ Cl ₄	1,1,1,2-Tetrachloroethane	-58 e	-40 e	-15 e	17 e	62.2	129.7	1
C ₂ H ₂ Cl ₄	1,1,2,2-Tetrachloroethane		-22 e	1 e	32.4	76.9	144.7	1
C ₂ H ₂ F ₄	1,1,1,2-Tetrafluoroethane				-94.3	-66.8	-26.4	17
C ₂ H ₂ F ₄	1,1,2,2-Tetrafluoroethane				-96.0	-66.9	-23.3	5
C ₂ H ₂ O	Ketene		-151 e	-135 e	-115 e	-88.2	-50.0	1
C ₂ H ₃ Br	Bromoethylene	-124 e	-110 e	-92 e	-68 e	-34.5	15.4	5
C ₂ H ₃ BrO	Acetyl bromide	-78 e	-65 e	-49 e	-25 e	13.9	84 e	5
C ₂ H ₃ Br ₃	1,1,2-Tribromoethane	-18 e	4 e	32 e	68 e	117.1	188.4	5
C ₂ H ₃ Cl	Chloroethylene	-139 e	-127 e	-110 e	-89 e	-59.0	-14.1	1
C ₂ H ₃ ClF ₂	1-Chloro-1,1-difluoroethane		-123 e	-107 e	-85.3	-55.4	-10.5	5
C ₂ H ₃ ClO	Acetyl chloride	-100 e	-85 e	-66 e	-40 e	-3.6	50.4	1
C ₂ H ₃ ClO ₂	Chloroacetic acid				78.4	123.9	188.9	1
C ₂ H ₃ Cl ₂ F	1,1-Dichloro-1-fluoroethane		-101 e	-83 e	-57.9	-22.7	31.4	5
C ₂ H ₃ Cl ₂ F	1,2-Dichloro-1-fluoroethane			-50 e	-23.8	14.1	73.4	5
C ₂ H ₃ Cl ₃	1,1,1-Trichloroethane				-25.3	14.2	73.7	5
C ₂ H ₃ Cl ₃	1,1,2-Trichloroethane			-23 e	7 e	49.9	113.4	1
C ₂ H ₃ F	Fluoroethylene			-153.3	-135.2	-109.9	-72.2	5
C ₂ H ₃ FO	Acetyl fluoride					-64.1	17.0	5
C ₂ H ₃ F ₃	1,1,1-Trifluoroethane				-113 e	-86.6	-47.8	1
C ₂ H ₃ F ₃ O	2,2,2-Trifluoroethanol			-33 e	-8 e	26.0	74 e	5
C ₂ H ₃ I	Iodoethylene				-41 e	-3 e	55.6	5
C ₂ H ₃ IO	Acetyl iodide				-0.6	47 e	107.0	5
C ₂ H ₃ N	Acetonitrile				-20 e	21.4	81.2	1
C ₂ H ₃ NO	Methylisocyanate				-43.5	-10.2	38.8	1
C ₂ H ₃ NS	Methyl thiocyanate			-18.4	16.2	63.5	132.5	5
C ₂ H ₄	Ethylene*				-155.6	-135.1	-104.0	1,10
C ₂ H ₄ BrCl	1-Bromo-2-chloroethane					41.7	105.7	6
C ₂ H ₄ Br ₂	1,1-Dibromoethane		-49 e	-26 e	5 e	46.4	107.6	5
C ₂ H ₄ Br ₂	1,2-Dibromoethane				18 e	62.2	130.9	1
C ₂ H ₄ ClF	1-Chloro-1-fluoroethane				-69.9	-36.1	15.8	5
C ₂ H ₄ Cl ₂	1,1-Dichloroethane		-84 e	-64 e	-36.7	1.0	56.9	1
C ₂ H ₄ Cl ₂	1,2-Dichloroethane				-16.4	23.7	83.1	1
C ₂ H ₄ F ₂	1,1-Difluoroethane			-115.2	-94.6	-66.1	-24.3	19
C ₂ H ₄ N ₂ O ₆	Ethylene glycol dinitrate	4 e	25.6	51.0	81 e	117 e	162 e	5
C ₂ H ₄ O	Acetaldehyde		-105 e	-87 e	-62.8	-29.4	20.0	5
C ₂ H ₄ O	Ethylene oxide		-111 e	-93 e	-70 e	-37.0	10.2	1
C ₂ H ₄ O ₂	Acetic acid	-42.8 s	-26.7 s	-8 s	14.2 s	55.9	117.5	1,5
C ₂ H ₄ O ₂	Methyl formate		-95 e	-76 e	-51.8	-18.1	31.4	5

Mol. form.	Name	Temperature in °C for the indicated pressure						Ref.
		1 Pa	10 Pa	100 Pa	1 kPa	10 kPa	100 kPa	
C ₂ H ₄ O ₃	Peroxyacetic acid				14.4	55.3	109.7	5
C ₂ H ₄ O ₃	Glycolic acid						99.9	5
C ₂ H ₅ AsF ₂	Ethylidifluoroarsine			-36 e	-6.0	35.0	93.1	5
C ₂ H ₅ Br	Bromoethane	-111 e	-96 e	-77 e	-51.3	-15.5	38.0	5
C ₂ H ₅ Cl	Chloroethane	-126 e	-112 e	-94 e	-70 e	-37.0	12.0	1
C ₂ H ₅ ClO	2-Chloroethanol	-61 e	-39 e	-12 e	23 e	67.1	127.3	5
C ₂ H ₅ ClO	Chloromethyl methyl ether	-96 e	-80 e	-59 e	-32 e	6 e	61 e	5
C ₂ H ₅ Cl ₃ OSi	Trichloroethoxysilane	-78 e	-60 e	-36.0	-4.6	38.7	102.0	5
C ₂ H ₅ Cl ₃ Si	Trichloroethylsilane	-79 e	-61 e	-38 e	-8 e	34.9	98.7	5
C ₂ H ₅ F	Fluoroethane		-142 e	-127 e	-106.3	-78.7	-37.9	1
C ₂ H ₅ FO	2-Fluoroethanol			-22 e	8.3	47.5	99 e	5
C ₂ H ₅ I	Iodoethane	-94 e	-78 e	-56 e	-27.9	11.9	71.9	5
C ₂ H ₅ N	Ethyleneimine		-74 e	-55 e	-30 e	4.1	55 e	5
C ₂ H ₅ NO	Acetamide	16.7 s	39.1 s	65.2 s	102.8	150.8	218.2	5
C ₂ H ₅ NO	<i>N</i> -Methylformamide		13 e	41 e	78 e	127.9	199.1	1
C ₂ H ₅ NO ₂	Nitroethane	-61 e	-44 e	-21 e	8.3	50.1	113.5	5
C ₂ H ₅ NO ₃	Ethyl nitrate	-81 e	-63 e	-41 e	-12 e	28.2	87 e	1
C ₂ H ₆	Ethane*	-183.3 s	-173.2	-161.3	-145.3	-122.8	-88.8	41
C ₂ H ₆ Cl ₂ Si	Dichlorodimethylsilane					11.1	70.1	5
C ₂ H ₆ Hg	Dimethyl mercury				-13.5	29.0	92.1	5
C ₂ H ₆ N ₂ O	<i>N</i> -Nitrosodimethylamine				30.7	80.5	149.8	5
C ₂ H ₆ O	Ethanol	-73 e	-56 e	-34 e	-7 e	29.2	78.0	1,5
C ₂ H ₆ O	Dimethyl ether*		-135 e	-118 e	-96.8	-67.6	-25.1	1,5
C ₂ H ₆ OS	Dimethyl sulfoxide			27.4	65.0	115.9	188.6	1
C ₂ H ₆ O ₂	Ethylene glycol	2 e	24 e	51.1	86.1	132.5	196.9	1
C ₂ H ₆ O ₂	Ethyl hydroperoxide	-70 e	-49 e	-25 e	6.8	47.0	101 e	5
C ₂ H ₆ O ₂ S	Dimethyl sulfone				109 e	166.8	248.9	5
C ₂ H ₆ S	Ethaneithiol	-112 e	-97 e	-78 e	-53 e	-18 e	34.7	1
C ₂ H ₆ S	Dimethyl sulfide		-96 e	-77 e	-51.2	-16.0	37.0	1,5
C ₂ H ₆ S ₂	Dimethyl disulfide	-71 e	-53 e	-29 e	1.7	45.0	109.3	5
C ₂ H ₇ BO ₂	Dimethoxyborane	-116 e	-101.9	-83.5	-59.2	-25.4	25 e	5
C ₂ H ₇ N	Ethylamine			-71 e	-53 e	-27 e	16.4	1
C ₂ H ₇ N	Dimethylamine			-88 e	-66.9	-37.2	6.6	1
C ₂ H ₇ NO	Ethanolamine		11 e	35 e	66.2	109.0	170.6	1
C ₂ H ₈ N ₂	1,2-Ethanediamine				17.0	57.5	116.6	1,5
C ₂ H ₈ N ₂	1,1-Dimethylhydrazine			-52 e	-25.6	10.5	63 e	5
C ₂ H ₈ N ₂	1,2-Dimethylhydrazine		-49 e	-33 e	-9 e	26.4	88 e	1
C ₂ N ₂	Cyanogen	-127 s	-114.1 s	-98.5 s	-79.2 s	-54.9 s	-21.4	5
C ₃ ClF ₅ O	Chloropentafluoroacetone	-122 e	-109 e	-93 e	-71 e	-39.4	7.4	5
C ₃ Cl ₆	Hexachloropropene	-12 e	11 e	40 e	79 e	132.8	213.6	5
C ₃ F ₆	Perfluoropropene	-150 e	-138 e	-122 e	-101 e	-72 e	-30.6	5
C ₃ F ₆ O	Perfluoroacetone			-113 e	-94 e	-67.8	-27.6	5
C ₃ F ₈	Perfluoropropane		-139 e	-124 e	-105 e	-77.5	-37.0	1
C ₃ HN	Cyanoacetylene			-58.7 s	-35.6 s	-7 s	42.0	5
C ₃ H ₂ F ₆ O	1,1,1,3,3,3-Hexafluoro-2-propanol					12.7	57.1	5
C ₃ H ₃ F ₅	1,1,1,2,2-Pentafluoropropane					-60 e	-17.9	5
C ₃ H ₃ N	2-Propenenitrile		-72 e	-50 e	-22 e	17.7	77.0	1
C ₃ H ₃ NS	Thiazole					54.4	117.8	5
C ₃ H ₄	Allene*		-129 e	-118 e	-101.4	-76.7	-34.7	5
C ₃ H ₄	Propyne				-94 e	-65.3	-23.2	1
C ₃ H ₄ ClF ₃	3-Chloro-1,1,1-trifluoropropane	-102 e	-87 e	-68 e	-43 e	-8 e	45.3	5
C ₃ H ₄ Cl ₂ O	1,1-Dichloroacetone				1 e	47.8	118.0	5
C ₃ H ₄ Cl ₂ O ₂	Methyl dichloroacetate	-44 e	-25 e	0 e	33 e	77.7	142.3	5
C ₃ H ₄ Cl ₄	1,1,1,2-Tetrachloropropane	-48 e	-28 e	-2 e	32 e	79.1	149.5	5
C ₃ H ₄ F ₄ O	2,2,3,3-Tetrafluoro-1-propanol			-10 e	17 e	53.9	107.2	5
C ₃ H ₄ O	Acrolein		-87 e	-67 e	-40 e	-3.0	52.8	1
C ₃ H ₄ O ₂	Propenoic acid				35 e	78.0	140.7	1
C ₃ H ₄ O ₂	Vinyl formate			-58 e	-34 e	-1.6	46.2	1
C ₃ H ₄ O ₂	2-Oxetanone		-21 e	8 e	45.5	93.8	159.3	5
C ₃ H ₄ O ₃	Ethylene carbonate	12.7 s	37 e				247	5

Mol. form.	Name	Temperature in °C for the indicated pressure						Ref.
		1 Pa	10 Pa	100 Pa	1 kPa	10 kPa	100 kPa	
C ₃ H ₅ Br	<i>cis</i> -1-Bromopropene	-100 e	-84 e	-64 e	-37 e	1.0	57.4	5
C ₃ H ₅ Br	2-Bromopropene	-112 e	-95 e	-75 e	-47 e	-9 e	48.0	5
C ₃ H ₅ Br	3-Bromopropene	-98 e	-80 e	-58 e	-28 e	12 e	69.6	5
C ₃ H ₅ Cl	<i>cis</i> -1-Chloropropene	-114 e	-100 e	-81 e	-55 e	-20.1	32.4	5
C ₃ H ₅ Cl	<i>trans</i> -1-Chloropropene		-97 e	-77 e	-52 e	-16.2	37.0	5
C ₃ H ₅ Cl	2-Chloropropene	-120 e	-106 e	-87 e	-63 e	-28.7	22.3	5
C ₃ H ₅ Cl	3-Chloropropene	-107 e	-92 e	-72.4	-46.3	-9.8	44.6	5
C ₃ H ₅ ClO	Epichlorohydrin			-21 e	11 e	53.8	115.5	5
C ₃ H ₅ ClO ₂	Methyl chloroacetate		-28 e	-5 e	25 e	66.9	129.1	5
C ₃ H ₅ Cl ₃	1,1,3-Trichloropropane	-51 e	-31 e	-5 e	28 e	75.3	145.1	5
C ₃ H ₅ Cl ₃	1,2,3-Trichloropropane			2 e	37 e	84.9	156.3	5
C ₃ H ₅ Cl ₃ Si	Trichloro-2-propenylsilane					53.0	116.5	5
C ₃ H ₅ I	3-Iodopropene	-80 e	-62 e	-39 e	-8 e	36 e	101.5	5
C ₃ H ₅ N	Propanenitrile	-69.4	-55.3	-36.0	-7.9	35.2	97.4	1,5
C ₃ H ₅ NO	Acrylamide			109.6	161 e			5
C ₃ H ₅ NO	3-Hydroxypropanenitrile	-11 e	18 e	53 e	96.1	150.3	220.8	5
C ₃ H ₅ NS	Ethyl thiocyanate	-39 e	-20 e	4 e	35 e	79.1	143.4	5
C ₃ H ₅ NS	Ethyl isothiocyanate				17.4	66 e	136 e	5
C ₃ H ₅ N ₃ O ₉	Trinitroglycerol	48.6	75.7	118 e	191 e	353 e	1007 e	5
C ₃ H ₆	Propene*	-160.6	-149.0	-134.3	-114.9	-88.2	-47.9	1,5
C ₃ H ₆	Cyclopropane			-124 e	-104 e	-75.7	-33.1	1
C ₃ H ₆ BrCl	1-Bromo-3-chloropropane	-51 e	-31 e	-6 e	28 e	74.1	142.9	5
C ₃ H ₆ Br ₂	1,2-Dibromopropane	-46 e	-26 e	-2 e	31 e	75.3	139.5	5
C ₃ H ₆ Br ₂	1,3-Dibromopropane	-30 e	-9 e	17 e	52 e	98.7	166.8	5
C ₃ H ₆ Cl ₂	1,1-Dichloropropane				-14 e	27.0	87.7	5
C ₃ H ₆ Cl ₂	1,2-Dichloropropane	-78 e	-61 e	-38.1	-8.1	33.7	95.9	5
C ₃ H ₆ Cl ₂	1,3-Dichloropropane	-65 e	-46 e	-22 e	10 e	54.0	119.9	5
C ₃ H ₆ Cl ₂	2,2-Dichloropropane				-28 e	10.8	68.9	5
C ₃ H ₆ Cl ₂ O	1,3-Dichloro-2-propanol			21.8	59.0	107.6	173.9	5
C ₃ H ₆ N ₂ O ₄	1,1-Dinitropropane	-9 e	12 e	39 e	73.2	120 e	187 e	5
C ₃ H ₆ O	Allyl alcohol	-63 e	-48 e	-21.9	6.8	44.5	96.2	5
C ₃ H ₆ O	Methyl vinyl ether			-114 e	-89 e	-52.7	4.6	1
C ₃ H ₆ O	Propanal			-69 e	-42 e	-6 e	47.7	1
C ₃ H ₆ O	Acetone	-95	-81.8	-62.8	-35.6	1.3	55.7	1,5
C ₃ H ₆ O	Methyloxirane	-109 e	-95 e	-76 e	-51.5	-17.2	33.9	5
C ₃ H ₆ O ₂	Propanoic acid			0 e	35.1	79.9	140.8	1,5
C ₃ H ₆ O ₂	Ethyl formate		-80 e	-61 e	-35 e	1 e	54.0	1
C ₃ H ₆ O ₂	Methyl acetate	-95 e	-79 e	-59 e	-33 e	3.3	56.6	1
C ₃ H ₆ O ₂	1,3-Dioxolane		-72 e	-50 e	-22 e	17.0	75.3	1
C ₃ H ₆ O ₃	1,3,5-Trioxane					53 e	113.7	1
C ₃ H ₆ S	Thietane		-62 e	-40 e	-9 e	32.5	94.5	5
C ₃ H ₇ Br	1-Bromopropane	-95 e	-78 e	-57 e	-28 e	11.6	70.6	1
C ₃ H ₇ Br	2-Bromopropane		-84 e	-65 e	-39.6	-1.7	59.1	1,5
C ₃ H ₇ Cl	1-Chloropropane	-106 e	-90 e	-71 e	-44.5	-8.1	46.2	1
C ₃ H ₇ Cl	2-Chloropropane		-91 e	-74 e	-51.1	-17.8	35.4	1,5
C ₃ H ₇ ClO	2-Chloro-1-propanol				23 e	63.8	125.7	5
C ₃ H ₇ F	1-Fluoropropane	-133 e	-120 e	-103 e	-80.7	-49.4	-2.8	5
C ₃ H ₇ I	1-Iodopropane	-78 e	-60 e	-37 e	-6 e	36.9	102.0	5
C ₃ H ₇ I	2-Iodopropane	-89 e	-71 e	-47 e	-16.3	26.5	89.2	5
C ₃ H ₇ N	Allylamine		-88 e	-65 e	-37 e	0.4	52 e	5
C ₃ H ₇ NO	<i>N,N</i> -Dimethylformamide	-39 e	-20 e	5 e	38.0	83.9	152.6	1
C ₃ H ₇ NO	<i>N</i> -Methylacetamide	-13.3 s	13 s	43 e	83.8	136.1	206.3	5
C ₃ H ₇ NO ₂	1-Nitropropane	-56 e	-37 e	-13 e	20 e	64.8	130.8	1
C ₃ H ₇ NO ₂	2-Nitropropane		-48 e	-22 e	10.7	55.6	119.8	1
C ₃ H ₇ NO ₃	Propyl nitrate			-23.9	6.1	48.1	111 e	5
C ₃ H ₈	Propane*	-156.9	-145.6	-130.9	-111.4	-83.8	-42.3	1,41
C ₃ H ₈ O	1-Propanol	-54 e	-38 e	-16 e	10 e	47 e	96.9	1,5
C ₃ H ₈ O	2-Propanol	-65 e	-49 e	-28 e	-1.3	33.6	82.0	1,5
C ₃ H ₈ O	Ethyl methyl ether	-98 e	-89 e	-77 e	-60 e	-34.8	7.0	5
C ₃ H ₈ O ₂	1,2-Propylene glycol	-11 e	13 e	42 e	78 e	125.0	187.2	5

Mol. form.	Name	Temperature in °C for the indicated pressure						Ref.
		1 Pa	10 Pa	100 Pa	1 kPa	10 kPa	100 kPa	
C ₃ H ₈ O ₂	1,3-Propylene glycol	4 e	30 e	62 e	101 e	149.9	214.0	5
C ₃ H ₈ O ₂	Ethylene glycol monomethyl ether	-57 e	-37 e	-12 e	21 e	63.8	124.3	1
C ₃ H ₈ O ₂	Dimethoxymethane	-93 e	-81 e	-64 e	-42 e	-9.3	41.7	5
C ₃ H ₈ O ₃	Glycerol	96 e	113 e	136 e	168 e	213.4	287 e	1
C ₃ H ₈ S	1-Propanethiol	-94 e	-78 e	-57 e	-29.1	9.6	67.4	1,5
C ₃ H ₈ S	2-Propanethiol	-102 e	-87 e	-67 e	-41 e	-3 e	52.2	1
C ₃ H ₈ S	Ethyl methyl sulfide	-94 e	-78 e	-57 e	-29.7	8.8	66.3	1
C ₃ H ₈ S ₂	1,3-Propanedithiol	-53 e	-28 e	3 e	43 e	97 e	172.4	5
C ₃ H ₉ As	Trimethylarsine			-74 e	-45 e	-5.4	52.0	5
C ₃ H ₉ BO ₃	Trimethyl borate				-14 e	15.6	67.9	5
C ₃ H ₉ BS	Methyl dimethylthioborane			-62 e	-30.4	11.4	70.7	5
C ₃ H ₉ ClSi	Trimethylchlorosilane				-37.8	0.4	57.3	5
C ₃ H ₉ N	Propylamine		-81 e	-63 e	-38.3	-4.1	46.9	1,5
C ₃ H ₉ N	Isopropylamine		-91 e	-74 e	-50.4	-17.6	31.5	1,5
C ₃ H ₉ N	Trimethylamine		-114 e	-97 e	-75.0	-43.8	2.6	1,5
C ₃ H ₉ NO	1-Amino-2-propanol			18 e	53.2	98.2	157.9	5
C ₃ H ₉ O ₄ P	Trimethyl phosphate	-31 e	-7 e	23.6	62.8	116.0	192.0	5
C ₃ H ₉ P	Trimethylphosphine			-81 e	-53 e	-15.0	37.1	5
C ₃ H ₉ Sb	Trimethylstibine			-56 e	-23.8	19 e	80 e	5
C ₃ H ₁₀ N ₂	1,2-Propanediamine		-35.4	-12.0	18.8	61 e	119 e	5
C ₃ N ₂ O	Carbonyl dicyanide				-21.7	15.3	65.2	5
C ₄ Cl ₆	Hexachloro-1,3-butadiene	-1 e	22 e	50 e	86.7	137.0	209.7	5
C ₄ F ₆ O ₃	Trifluoroacetic acid anhydride			-63 e	-39 e	-7.1	38.8	5
C ₄ F ₈	Perfluorocyclobutane						-6.2	1
C ₄ F ₁₀	Perfluorobutane		-122 e	-105 e	-82 e	-49.8	-2.5	1,5
C ₄ H ₂ Cl ₂ O ₂	<i>trans</i> -2-Butenediyl dichloride			8.0	45.6	94.3	159.8	5
C ₄ H ₂ Cl ₂ S	2,5-Dichlorothiophene			-20 e	22 e	81.4	171 e	5
C ₄ H ₂ O ₃	Maleic anhydride				73.7	127.9	201.7	5
C ₄ H ₃ ClS	2-Chlorothiophene		-62 e	-35 e	2 e	51.8	123 e	5
C ₄ H ₃ IS	2-Iodothiophene			-25 e	23 e	94.9	181.0	5
C ₄ H ₄	1-Buten-3-yne			-96.1	-73.4	-41.8	4.9	5
C ₄ H ₄ N ₂	Succinonitrile	24.8 s					266.0	5
C ₄ H ₄ O	Furan			-78 e	-54 e	-20 e	31.0	1
C ₄ H ₄ O ₂	Diketene				19.3	63.3	126 e	5
C ₄ H ₄ O ₃	Succinic anhydride				121 e	180.8	260.8	5
C ₄ H ₄ O ₄	Fumaric acid	123.9 s	150 s	180 s				5
C ₄ H ₄ S	Thiophene				-17 e	23.7	83.7	5
C ₄ H ₅ Cl	2-Chloro-1,3-butadiene	-113 e	-95 e	-71 e	-41 e	0.3	59.0	5
C ₄ H ₅ ClO	2-Methyl-2-propenoyl chloride		-57 e	-35 e	-5 e	36.4	98.2	5
C ₄ H ₅ Cl ₃ O ₂	Ethyl trichloroacetate			15.3	51.9	100.1	166.6	5
C ₄ H ₅ N	3-Butenenitrile	-67 e	-48 e	-23.1	9.3	53.7	118.4	5
C ₄ H ₅ N	Methylacrylonitrile				-12 e	29.0	89.8	5
C ₄ H ₅ N	Pyrrrole			-8 e	24 e	66.7	129.4	1
C ₄ H ₅ NO ₂	Methyl cyanoacetate	-3 e	19 e	48 e	84 e	134.0	204.6	5
C ₄ H ₅ NS	Allyl isothiocyanate	-45 e	-27 e	-3 e	32.1	89 e	198 e	5
C ₄ H ₅ NS	4-Methylthiazole						67.0	5
C ₄ H ₆	1,2-Butadiene	-132 e	-117 e	-98 e	-72.8	-38.9	10.5	5
C ₄ H ₆	1,3-Butadiene*			-106 e	-83 e	-51.9	-4.7	1
C ₄ H ₆	1-Butyne	-125 e	-111 e	-94 e	-71.2	-39.4	7.8	1
C ₄ H ₆	2-Butyne		-89.2 s	-73.8 s	-53.5 s	-23.9	26.6	5
C ₄ H ₆ Cl ₂ O ₂	Ethyl dichloroacetate			2.6	40.1	89.1	156.3	5
C ₄ H ₆ O	Divinyl ether		-99 e	-80 e	-56 e	-22.1	28.0	5
C ₄ H ₆ O	<i>trans</i> -2-Butenal	-74 e	-56 e	-33 e	-3 e	39.7	102.4	5
C ₄ H ₆ O	3-Buten-2-one					21 e	81.0	5
C ₄ H ₆ O	Cyclobutanone			-34 e	-4 e	37.1	97 e	5
C ₄ H ₆ O ₂	<i>cis</i> -Crotonic acid			30 e	63 e	106.7	168.9	5
C ₄ H ₆ O ₂	<i>trans</i> -Crotonic acid				74 e	120.8	184.9	5
C ₄ H ₆ O ₂	3-Butenoic acid	-19 e	2 e	27 e	61 e	105.6	168.6	5
C ₄ H ₆ O ₂	Methacrylic acid			22 e	56 e	99.9	161.5	5
C ₄ H ₆ O ₂	Vinyl acetate	-88 e	-71 e	-50 e	-22 e	16.2	72.2	1

Mol. form.	Name	Temperature in °C for the indicated pressure						Ref.
		1 Pa	10 Pa	100 Pa	1 kPa	10 kPa	100 kPa	
C ₄ H ₆ O ₂	Methyl acrylate		-71 e	-48 e	-18 e	22 e	79.9	5
C ₄ H ₆ O ₂	2,3-Butanedione					30.7	84.8	5
C ₄ H ₆ O ₂	gamma-Butyrolactone		-17 e	24 e	72 e	130.2	203 e	5
C ₄ H ₆ O ₃	Acetic anhydride	-44 e	-25 e	-1 e	31 e	75.1	139.7	1
C ₄ H ₆ O ₃	Propylene carbonate	-40 e	-5 e	43 e	112 e	220 e	410 e	5
C ₄ H ₆ O ₄	Dimethyl oxalate				50.5	98.1	163.0	5
C ₄ H ₇ Br	<i>trans</i> -1-Bromo-1-butene	-87 e	-68 e	-43.3	-11.4	31.9	94.4	5
C ₄ H ₇ Br	2-Bromo-1-butene	-87 e	-70 e	-48 e	-20 e	20.7	80.6	5
C ₄ H ₇ Br	<i>cis</i> -2-Bromo-2-butene	-90 e	-72 e	-49.0	-18.5	23.5	85.2	5
C ₄ H ₇ Br	<i>trans</i> -2-Bromo-2-butene	-86 e	-67 e	-43.4	-12.0	31.0	93.5	5
C ₄ H ₇ Br ₃	1,2,3-Tribromobutane	0 e	23 e	53 e	91 e	143.7	219.5	5
C ₄ H ₇ Br ₃	1,2,4-Tribromobutane	-3 e	20 e	49 e	87 e	139.4	214.5	5
C ₄ H ₇ Cl	3-Chloro-1-butene			-64 e	-36 e	4 e	63.6	5
C ₄ H ₇ Cl	<i>cis</i> -2-Chloro-2-butene	-100 e	-83 e	-62 e	-34 e	6 e	66.4	5
C ₄ H ₇ Cl	<i>trans</i> -2-Chloro-2-butene	-102 e	-86 e	-65 e	-37 e	3 e	62.2	5
C ₄ H ₇ Cl	3-Chloro-2-methylpropene		-75 e	-54 e	-25 e	13.8	71.5	5
C ₄ H ₇ ClO ₂	Ethyl chloroacetate			-2.6	32.6	79.1	143.8	5
C ₄ H ₇ N	Butanenitrile	-67 e	-48 e	-24 e	8 e	52.3	117.2	1
C ₄ H ₈	1-Butene	-139.0	-125.2	-107.8	-85.3	-53.7	-6.6	1,5
C ₄ H ₈	<i>cis</i> -2-Butene	-131.2	-117.4	-99.8	-76.7	-44.8	3.4	1,5
C ₄ H ₈	<i>trans</i> -2-Butene			-102 e	-80 e	-47.6	0.6	1
C ₄ H ₈	Isobutene	-139.1	-125.5	-108.2	-85.5	-54.5	-7.3	1,5
C ₄ H ₈	Cyclobutane				-71.8	-38.1	12.1	5
C ₄ H ₈	Methylcyclopropane	-130 e	-116 e	-99.3	-76.3	-44.2	4.2	5
C ₄ H ₈ Br ₂	1,2-Dibromobutane	-54 e	-30 e	0.4	39.6	92.1	166.1	5
C ₄ H ₈ Br ₂	1,4-Dibromobutane	-13 e	9 e	37 e	74 e	124.0	196.5	5
C ₄ H ₈ Cl ₂	1,1-Dichlorobutane			-25 e	6 e	49.3	113.4	5
C ₄ H ₈ Cl ₂	1,2-Dichlorobutane			-28.4	5.8	53.1	123.1	5
C ₄ H ₈ Cl ₂	1,4-Dichlorobutane		-26 e	0 e	35 e	82.4	153.4	5
C ₄ H ₈ Cl ₂	2,2-Dichlorobutane		-58 e	-35 e	-5 e	37.8	102.1	5
C ₄ H ₈ Cl ₂ O	Bis(2-chloroethyl) ether	-32 e	-9 e	19.8	56.9	106.9	177.9	5
C ₄ H ₈ O	Ethyl vinyl ether		-102 e	-81 e	-53.1	-16.5	34.7	5
C ₄ H ₈ O	1,2-Epoxybutane	-135 e	-114 e	-87 e	-53 e	-5.5	62.1	5
C ₄ H ₈ O	Butanal	-88 e	-72 e	-50 e	-22 e	16.6	74.5	1,5
C ₄ H ₈ O	Isobutanal			-56 e	-29 e	8 e	63.8	1
C ₄ H ₈ O	2-Butanone	-85 e	-68 e	-46 e	-18.1	21.2	79.2	1
C ₄ H ₈ O	Tetrahydrofuran	-94 e	-78 e	-57.3	-29.8	9 e	65.6	1
C ₄ H ₈ O ₂	Butanoic acid			12.9	52.2	101.4	163.3	1,5
C ₄ H ₈ O ₂	2-Methylpropanoic acid	-30.1	-8.2	18.1	50.5	92.9	154.0	5
C ₄ H ₈ O ₂	Propyl formate	-78 e	-62 e	-42 e	-15.1	23.0	80.4	1,5
C ₄ H ₈ O ₂	Isopropyl formate	-80 e	-65 e	-47 e	-22.2	13.2	67.7	5
C ₄ H ₈ O ₂	Ethyl acetate	-83 e	-66 e	-45 e	-18 e	20.4	76.8	1
C ₄ H ₈ O ₂	Methyl propanoate	-80 e	-64 e	-43 e	-15.8	22.2	79.0	1
C ₄ H ₈ O ₂	<i>cis</i> -2-Butene-1,4-diol	17 e	44 e	77 e	117.4	168.5	234.9	5
C ₄ H ₈ O ₂	1,3-Dioxane			-37 e	-3 e	43.4	106.0	5
C ₄ H ₈ O ₂	1,4-Dioxane					39.6	101.0	1
C ₄ H ₈ O ₂ S	Sulfolane		49 e	87 e	135 e	198.0	283.5	5
C ₄ H ₈ S	Tetrahydrothiophene	-66 e	-47 e	-23 e	9.4	54.1	120.5	1
C ₄ H ₉ Br	1-Bromobutane	-68.4	-53.9	-34.1	-5.4	37.6	101.1	1,5
C ₄ H ₉ Br	2-Bromobutane	-86 e	-68 e	-46 e	-16 e	26.6	90.7	5
C ₄ H ₉ Br	1-Bromo-2-methylpropane	-85 e	-68 e	-46 e	-16 e	26.8	91.1	5
C ₄ H ₉ Br	2-Bromo-2-methylpropane					11.7	72.4	1,5
C ₄ H ₉ Cl	1-Chlorobutane	-87 e	-71 e	-49 e	-21 e	18.4	78.1	1
C ₄ H ₉ Cl	2-Chlorobutane	-96 e	-80 e	-59 e	-31.0	8.5	67.9	1
C ₄ H ₉ Cl	1-Chloro-2-methylpropane	-94 e	-78 e	-56.6	-28.7	10.2	68.5	5
C ₄ H ₉ Cl	2-Chloro-2-methylpropane					-4.2	50.3	5
C ₄ H ₉ Cl ₃ Si	Butyltrichlorosilane					77.2	148.4	5
C ₄ H ₉ F	1-Fluorobutane	-114 e	-99 e	-80 e	-55 e	-20.0	32.1	5
C ₄ H ₉ F	2-Fluorobutane	-117 e	-103 e	-85 e	-60.7	-26.7	24.7	5
C ₄ H ₉ I	1-Iodobutane	-62 e	-43 e	-19 e	14 e	60.5	130.0	5

Mol. form.	Name	Temperature in °C for the indicated pressure						Ref.
		1 Pa	10 Pa	100 Pa	1 kPa	10 kPa	100 kPa	
C ₄ H ₉ I	2-Iodobutane	-70 e	-51 e	-27 e	5 e	50 e	119.5	5
C ₄ H ₉ I	1-Iodo-2-methylpropane		-47 e	-21.4	12.0	56.8	120.0	5
C ₄ H ₉ I	2-Iodo-2-methylpropane	-75.1 s	-58.8 s	-39.5 s	-5.2	41 e	100.0	5
C ₄ H ₉ N	Pyrrolidine		-59 e	-38 e	-10 e	28.5	86.2	1
C ₄ H ₉ NO	<i>N</i> -Methylpropanamide				81.1	105 e		5
C ₄ H ₉ NO	<i>N,N</i> -Dimethylacetamide	-8 e	8 e	28.0	56.4	98.2	165.7	1
C ₄ H ₉ NO	2-Butanone oxime		-18 e	7 e	38.9	81.9	142.9	5
C ₄ H ₉ NO	Morpholine				21 e	64.5	128.5	1
C ₄ H ₉ NO ₃	Isobutyl nitrate			-18 e	15.1	59.2	123.0	5
C ₄ H ₁₀	Butane*	-134.3	-121.0	-103.9	-81.1	-49.1	-0.8	1,41
C ₄ H ₁₀	Isobutane*		-129.0	-113.0	-90.9	-59.4	-12.0	1,41
C ₄ H ₁₀ O	1-Butanol	-37 e	-20 e	0 e	28 e	64 e	117.4	1
C ₄ H ₁₀ O	2-Butanol	-50 e	-34 e	-14 e	12.6	48.2	99.2	1,5
C ₄ H ₁₀ O	2-Methyl-1-propanol	-39 e	-24 e	-5 e	20.9	56.0	107.6	1,5
C ₄ H ₁₀ O	2-Methyl-2-propanol					34.4	82.1	1,5
C ₄ H ₁₀ O	Diethyl ether	-111 e	-96 e	-77 e	-52.6	-17.8	34.1	1
C ₄ H ₁₀ O	Methyl propyl ether				-40 e	-11.3	38.7	5
C ₄ H ₁₀ O	Isopropyl methyl ether				-56 e	-21.2	30.4	5
C ₄ H ₁₀ O ₂	1,3-Butanediol	-4 e	23 e	55 e	94 e	142.9	206.1	5
C ₄ H ₁₀ O ₂	1,4-Butanediol		45 e	77 e	116 e	164.7	227.6	5
C ₄ H ₁₀ O ₂	2,3-Butanediol		15 e	43 e	77 e	121.2	180.3	5
C ₄ H ₁₀ O ₂	Ethylene glycol monoethyl ether	-49 e	-29 e	-3 e	30 e	73.6	135.3	1
C ₄ H ₁₀ O ₂	Ethylene glycol dimethyl ether			-44 e	-15 e	25.2	85.2	1
C ₄ H ₁₀ O ₂	Dimethylacetal	-89 e	-74 e	-55 e	-29 e	7.7	64.1	5
C ₄ H ₁₀ O ₂	Diethylperoxide				-39 e	3.6	65.0	5
C ₄ H ₁₀ O ₂ S	Bis(2-hydroxyethyl) sulfide			31 e	114.2		282.0	5
C ₄ H ₁₀ O ₃	Diethylene glycol	35 e	58 e	86 e	123 e	173.6	245.2	1
C ₄ H ₁₀ O ₄ S	Diethyl sulfate		3 e	36 e	79 e	134 e	208.3	5
C ₄ H ₁₀ S	1-Butanethiol	-77 e	-59 e	-37 e	-6 e	35.4	98.0	5
C ₄ H ₁₀ S	2-Butanethiol	-86 e	-69 e	-47 e	-17 e	23.4	84.5	5
C ₄ H ₁₀ S	2-Methyl-1-propanethiol		-66 e	-44 e	-15 e	26.5	88.1	5
C ₄ H ₁₀ S	2-Methyl-2-propanethiol					5.8	63.8	5
C ₄ H ₁₀ S	Diethyl sulfide	-80 e	-62 e	-40 e	-10.8	30.3	91.7	1
C ₄ H ₁₀ S	Methyl propyl sulfide	-78 e	-61 e	-38 e	-8 e	33.1	95.1	5
C ₄ H ₁₀ S	Isopropyl methyl sulfide	-85 e	-68 e	-46 e	-17 e	23.4	84.3	5
C ₄ H ₁₀ S ₂	1,4-Butanedithiol	-17 e	5 e	32 e	69.1	119.9	195.1	5
C ₄ H ₁₀ S ₂	Diethyl disulfide	-46 e	-26 e	0 e	35 e	82.4	153.5	5
C ₄ H ₁₁ N	Butylamine			-46 e	-18.1	20.0	75.9	5
C ₄ H ₁₁ N	<i>sec</i> -Butylamine			-55 e	-29.1	7.5	62.3	5
C ₄ H ₁₁ N	<i>tert</i> -Butylamine			-67 e	-42.4	-8.1	43.7	5
C ₄ H ₁₁ N	Isobutylamine	-85 e	-70 e	-50 e	-24.5	12.0	67.3	5
C ₄ H ₁₁ N	Diethylamine			-46 e	-26 e	5 e	55.2	1
C ₄ H ₁₁ NO	<i>N,N</i> -Dimethylethanolamine	-52 e	-31 e	-6 e	27 e	70.9	133 e	5
C ₄ H ₁₁ NO ₂	Diethanolamine	53 e	77 e	107 e	146 e	197.3	268 e	5
C ₄ H ₁₂ BN	(Dimethylamino)dimethyl-borane		-81 e	-60.1	-31.9	7.0	64.2	5
C ₄ H ₁₂ Cl ₂ OSi ₂	1,3-Dichloro-1,1,3,3-tetramethyldisiloxane		-33 e	-9 e	23.8	69.1	136.5	5
C ₄ H ₁₂ O ₄ Si	Tetramethyl silicate				14.4	59.3	119.7	5
C ₄ H ₁₂ Si	Tetramethylsilane			-83 e	-59 e	-25 e	26.7	5
C ₄ H ₁₂ Sn	Tetramethylstannane			-55.0	-25.6	16.6	77.7	5
C ₄ H ₁₃ N ₃	Diethylenetriamine	-10 e	13 e	43 e	80 e	129.6	198 e	5
C ₄ NiO ₄	Nickel carbonyl					-12	42	4
C ₅ F ₁₂	Perfluoropentane				-54.7	-20.9	28.6	5
C ₅ FeO ₅	Iron pentacarbonyl				0	44	105	4
C ₅ H ₄ ClN	2-Chloropyridine			7.4	45.8	97.3	169.9	5
C ₅ H ₄ O ₂	Furfural	-26 e	-8 e	16 e	47 e	92.4	161.4	1
C ₅ H ₅ N	Pyridine			-23 e	8 e	51.0	114.9	1
C ₅ H ₆	1,3-Cyclopentadiene			-77 e	-51 e	-14 e	39.8	5
C ₅ H ₆ N ₂	Pentanedinitrile	24.1	52 e	85 e	126 e	178 e	245 e	5
C ₅ H ₆ O	2-Methylfuran			-66 e	-35 e	6 e	64.5	1

Mol. form.	Name	Temperature in °C for the indicated pressure						Ref.
		1 Pa	10 Pa	100 Pa	1 kPa	10 kPa	100 kPa	
C ₅ H ₆ O ₂	Furfuryl alcohol	-30 e	-5 e	25 e	62.6	109.3	169.7	5
C ₅ H ₆ S	2-Methylthiophene		-58 e	-32 e	2 e	47.9	112.2	1
C ₅ H ₆ S	3-Methylthiophene		-53 e	-28 e	6 e	50.6	115.1	1
C ₅ H ₇ N	1-Methylpyrrole				8 e	49.9	112.3	5
C ₅ H ₇ NO ₂	Ethyl cyanoacetate	16 e	39 e	67.0	102.1	146.7	205.6	5
C ₅ H ₈	1,2-Pentadiene	-109 e	-93 e	-73 e	-46.1	-9.7	44.5	5
C ₅ H ₈	<i>cis</i> -1,3-Pentadiene	-109 e	-93 e	-73 e	-47.0	-10.5	43.7	1,5
C ₅ H ₈	<i>trans</i> -1,3-Pentadiene			-75 e	-49.0	-13 e	42 e	1
C ₅ H ₈	1,4-Pentadiene	-120 e	-105 e	-86 e	-60.9	-26.2	25.6	5
C ₅ H ₈	2,3-Pentadiene	-106 e	-90 e	-70 e	-42.9	-6.3	47.9	5
C ₅ H ₈	3-Methyl-1,2-butadiene	-111 e	-95 e	-75 e	-49.2	-13.1	40.4	5
C ₅ H ₈	2-Methyl-1,3-butadiene	-115 e	-100 e	-81 e	-55.4	-19.7	33.7	1,5
C ₅ H ₈	1-Pentyne			-75 e	-49.1	-13.5	39.9	5
C ₅ H ₈	2-Pentyne	-100 e	-85 e	-65 e	-37.9	-0.5	55.7	5
C ₅ H ₈	3-Methyl-1-butyne			-82 e	-57.5	-23.1	28.6	5
C ₅ H ₈	Cyclopentene	-109 e	-94 e	-74 e	-48 e	-11.1	43.8	5
C ₅ H ₈	Spiropentane	-110 e	-95 e	-76 e	-51 e	-15 e	38.6	5
C ₅ H ₈ O	3-Methyl-3-buten-2-one			-35 e	-5 e	36.0	97.3	5
C ₅ H ₈ O	Cyclopropyl methyl ketone		-57 e	-31 e	3 e	49 e	112 e	5
C ₅ H ₈ O	Cyclopentanone		-39 e	-14 e	19 e	64 e	130.3	1
C ₅ H ₈ O	3,4-Dihydro-2H-pyran				-22 e	22.0	84.9	5
C ₅ H ₈ O ₂	4-Pentenoic acid	0 e	19 e	44 e	77 e	122.0	187.5	5
C ₅ H ₈ O ₂	Vinyl propanoate					31.2	94 e	5
C ₅ H ₈ O ₂	Ethyl acrylate		-55 e	-32.7	-2.8	38.5	99.2	5
C ₅ H ₈ O ₂	Methyl methacrylate			-31 e	-1 e	39.7	100.0	1
C ₅ H ₈ O ₂	2,4-Pentanedione			-5 e	24.7	67.8	137.4	1
C ₅ H ₈ O ₂	Tetrahydro-2H-pyran-2-one		5 e	35.1	74.4	128.3	207.0	5
C ₅ H ₈ O ₃	Methyl acetoacetate				50.1	101.1	171.3	5
C ₅ H ₈ O ₄	Glutaric acid		121 e	153.2	191.9	240.3	302.5	5
C ₅ H ₈ O ₄	Dimethyl malonate	-22 e	1 e	30.0	66.7	114.7	180.2	5
C ₅ H ₉ ClO ₂	Ethyl 2-chloropropanoate			1.4	36.4	82.5	146.0	5
C ₅ H ₉ ClO ₂	Isopropyl chloroacetate			-2 e	35.0	83.3	148.1	5
C ₅ H ₉ N	Pentanenitrile	-54 e	-34 e	-8 e	26 e	72.2	140.9	1
C ₅ H ₉ N	2,2-Dimethylpropanenitrile					41.1	104.8	5
C ₅ H ₉ NO	<i>N</i> -Methyl-2-pyrrolidone	1 e	24 e	53.1	92.3	147.2	229 e	5
C ₅ H ₁₀	1-Pentene	-118.9	-103.4	-84.0	-58.8	-23.3	29.6	1,5
C ₅ H ₁₀	<i>cis</i> -2-Pentene	-113.8	-98.1	-78.4	-52.7	-16.8	36.6	1,5
C ₅ H ₁₀	<i>trans</i> -2-Pentene	-114.5	-98.9	-79.1	-53.3	-17.5	36.0	1,5
C ₅ H ₁₀	2-Methyl-1-butene	-117.7	-102.2	-82.7	-57.2	-21.9	30.8	1,5
C ₅ H ₁₀	3-Methyl-1-butene	-125.0	-110.1	-91.2	-66.7	-32.1	19.7	1,5
C ₅ H ₁₀	2-Methyl-2-butene	-113.4	-97.6	-77.7	-51.6	-15.8	38.2	1,5
C ₅ H ₁₀	Cyclopentane			-77.0	-45.4	-7.1	48.8	5
C ₅ H ₁₀	Ethylcyclopropane	-118 e	-102 e	-83 e	-57 e	-20 e	35.5	5
C ₅ H ₁₀	<i>cis</i> -1,2-Dimethylcyclo-propane	-118 e	-103 e	-83 e	-57 e	-20 e	36.6	5
C ₅ H ₁₀	<i>trans</i> -1,2-Dimethylcyclo-propane	-122 e	-108 e	-89 e	-63 e	-27 e	27.8	5
C ₅ H ₁₀ Br ₂	1,5-Dibromopentane	1 e	25 e	54 e	93 e	145.6	221.8	5
C ₅ H ₁₀ Cl ₂	1,2-Dichloropentane				30 e	77.4	147.8	5
C ₅ H ₁₀ Cl ₂	1,5-Dichloropentane	-31 e	-10 e	17 e	54 e	104.1	178.9	5
C ₅ H ₁₀ N ₂	3-(Dimethylamino)-propanenitrile				51.1	101.8	171.4	5
C ₅ H ₁₀ O	Cyclopentanol		-13 e	11.5	42.2	82.5	140.0	5
C ₅ H ₁₀ O	Allyl ethyl ether			-56 e	-28.7	9.8	67.2	5
C ₅ H ₁₀ O	Pentanal	-71 e	-53 e	-31 e	-1 e	40.8	102.6	5
C ₅ H ₁₀ O	2-Pentanone				-1 e	40.3	101.9	1,5
C ₅ H ₁₀ O	3-Pentanone			-31 e	-1 e	40 e	101.6	1
C ₅ H ₁₀ O	3-Methyl-2-butanone	-69 e	-54 e	-34 e	-6.9	32.2	94.0	1,5
C ₅ H ₁₀ O	Tetrahydropyran				-15 e	26.0	88 e	5
C ₅ H ₁₀ O	2-Methyltetrahydrofuran				-20 e	19.7	79.8	5
C ₅ H ₁₀ O ₂	Pentanoic acid	-7.4	15.3	42.7	76.3	122.1	185.7	5
C ₅ H ₁₀ O ₂	2-Methylbutanoic acid	-10 e	10 e	36 e	69 e	112.8	175.2	5
C ₅ H ₁₀ O ₂	3-Methylbutanoic acid	-15.8	4 e	30.0	64.7	110.6	176.1	5

Mol. form.	Name	Temperature in °C for the indicated pressure						Ref.
		1 Pa	10 Pa	100 Pa	1 kPa	10 kPa	100 kPa	
C ₅ H ₁₀ O ₂	Butyl formate			-29 e	2 e	44.4	105.7	5
C ₅ H ₁₀ O ₂	Isobutyl formate	-69 e	-53 e	-31 e	-3 e	37.4	97.6	5
C ₅ H ₁₀ O ₂	Propyl acetate	-69 e	-51 e	-29 e	0 e	40.9	101.2	1
C ₅ H ₁₀ O ₂	Isopropyl acetate		-61 e	-40 e	-11 e	29.8	88.2	5
C ₅ H ₁₀ O ₂	Ethyl propanoate	-69 e	-52 e	-30 e	-1 e	38.9	98.7	1
C ₅ H ₁₀ O ₂	Methyl butanoate	-68 e	-50 e	-28 e	0.9	41.7	102.3	5
C ₅ H ₁₀ O ₂	Methyl isobutanoate	-83 e	-65 e	-41 e	-11 e	31 e	92.1	5
C ₅ H ₁₀ O ₂	Tetrahydrofurfuryl alcohol	-40 e	-16 e	15 e	55 e	106 e	176.8	5
C ₅ H ₁₀ O ₃	Diethyl carbonate		-42 e	-17 e	17 e	61.6	125.9	5
C ₅ H ₁₀ O ₃	Ethylene glycol monomethyl ether acetate	-47 e	-26 e	0 e	34 e	79.4	144.1	5
C ₅ H ₁₀ S	Thiacyclohexane				24 e	71.1	141.2	5
C ₅ H ₁₀ S	Cyclopentanethiol				18 e	64 e	131.7	5
C ₅ H ₁₁ Br	1-Bromopentane	-60 e	-41 e	-16 e	16 e	61.5	129.1	5
C ₅ H ₁₁ Br	2-Bromopentane	-69 e	-51 e	-27 e	5 e	49.7	116.9	5
C ₅ H ₁₁ Br	3-Bromopentane	-68 e	-50 e	-26 e	6 e	50.8	118.1	5
C ₅ H ₁₁ Br	1-Bromo-3-methylbutane	-67 e	-49 e	-25 e	8 e	52.4	119.9	5
C ₅ H ₁₁ Cl	1-Chloropentane	-73 e	-55 e	-32 e	-1 e	42.5	107.9	5
C ₅ H ₁₁ Cl	2-Chloropentane	-80 e	-62 e	-39 e	-9 e	33.2	96.1	5
C ₅ H ₁₁ Cl	3-Chloropentane	-77 e	-60 e	-37 e	-7 e	34.9	97.3	5
C ₅ H ₁₁ Cl	2-Chloro-2-methylbutane			-52 e	-21 e	21.8	85.2	5
C ₅ H ₁₁ Cl	1-Chloro-2,2-dimethyl-propane				-17 e	23.5	83.9	5
C ₅ H ₁₁ F	1-Fluoropentane	-97 e	-80 e	-60 e	-32 e	5.7	62.4	5
C ₅ H ₁₁ I	1-Iodopentane	-47 e	-27 e	-1 e	34 e	83.0	156.5	5
C ₅ H ₁₁ I	1-Iodo-3-methylbutane		-34 e	-6.6	28.8	77.3	147.8	5
C ₅ H ₁₁ N	Cyclopentylamine	-66 e	-48 e	-26 e	4 e	45.8	108 e	5
C ₅ H ₁₁ N	Piperidine				2 e	43.3	105.8	5
C ₅ H ₁₁ N	<i>N</i> -Methylpyrrolidine				-23 e	18.5	78 e	5
C ₅ H ₁₁ NO ₃	3-Methylbutyl nitrate		-26 e	1.0	35.5	81.7	147.0	5
C ₅ H ₁₂	Pentane**	-115.5	-99.8	-80.0	-54.0	-18.1	35.7	16
C ₅ H ₁₂	Isopentane	-119 e	-105 e	-86 e	-61 e	-26 e	27.5	1
C ₅ H ₁₂	Neopentane*		-107.5 s	-90.8 s	-68.8 s	-38.5 s	9.2	1,5
C ₅ H ₁₂ N ₂ O	Tetramethylurea			20.7	58.0	106.7	179.5	5
C ₅ H ₁₂ O	1-Pentanol	-27 e	-10 e	12 e	41 e	79.8	137.4	5
C ₅ H ₁₂ O	2-Pentanol	-35 e	-19 e	1 e	28.0	64.9	118.7	1
C ₅ H ₁₂ O	3-Pentanol	-41 e	-25 e	-4 e	24 e	61.1	114.9	5
C ₅ H ₁₂ O	2-Methyl-1-butanol	-27 e	-11 e	9 e	36.2	73.4	128.3	1
C ₅ H ₁₂ O	3-Methyl-1-butanol	-22 e	-7 e	13 e	39.1	75.7	130.1	5
C ₅ H ₁₂ O	2-Methyl-2-butanol			-5 e	17.7	50.6	101.7	1,5
C ₅ H ₁₂ O	3-Methyl-2-butanol			-3 e	22.7	58.2	111.1	5
C ₅ H ₁₂ O	2,2-Dimethyl-1-propanol					59.2	112.7	5
C ₅ H ₁₂ O	Butyl methyl ether			-54 e	-27 e	12 e	69.8	1
C ₅ H ₁₂ O	Methyl <i>tert</i> -butyl ether			-66 e	-39 e	-2 e	54.8	1
C ₅ H ₁₂ O	Ethyl propyl ether	-92 e	-77 e	-57 e	-30.5	6.7	63.4	1,5
C ₅ H ₁₂ O ₂	1,5-Pentanediol	25 e	52 e	85 e	125 e	175.1	238.9	5
C ₅ H ₁₂ O ₂	Ethylene glycol monopropyl ether				40 e	85.6	149.3	5
C ₅ H ₁₂ O ₂	Diethoxymethane		-65 e	-43 e	-14 e	27.3	87.7	5
C ₅ H ₁₂ O ₃	Diethylene glycol monomethyl ether		12 e	40 e	76 e	124.2	193.7	1
C ₅ H ₁₂ S	1-Pentanethiol	-60 e	-41 e	-17 e	15 e	60 e	126.2	1
C ₅ H ₁₂ S	2-Pentanethiol	-70 e	-52 e	-28 e	3 e	46.6	111.9	5
C ₅ H ₁₂ S	3-Pentanethiol	-70 e	-51 e	-28 e	4 e	47.7	113.4	5
C ₅ H ₁₂ S	2-Methyl-1-butanethiol				8.0	52.3	118.5	5
C ₅ H ₁₂ S	3-Methyl-1-butanethiol				7.8	51.9	117.9	5
C ₅ H ₁₂ S	2-Methyl-2-butanethiol				-8.0	34.6	98.7	5
C ₅ H ₁₂ S	Butyl methyl sulfide		-43 e	-19 e	13 e	57 e	123.0	1
C ₅ H ₁₂ S	<i>tert</i> -Butyl methyl sulfide				-7.8	34.7	98.4	5
C ₅ H ₁₂ S	Ethyl propyl sulfide	-64 e	-46 e	-23 e	9 e	52.7	118.0	5
C ₅ H ₁₂ S	Ethyl isopropyl sulfide	-72 e	-54 e	-31 e	0 e	42.7	106.9	5
C ₅ H ₁₃ N	Pentylamine		-52 e	-29 e	1 e	42.8	104.0	5
C ₆ BrF ₅	Bromopentafluorobenzene			-10 e	23 e	68 e	136.0	5
C ₆ ClF ₅	Chloropentafluorobenzene		-44 e	-21 e	11 e	53.8	117.6	1

Mol. form.	Name	Temperature in °C for the indicated pressure						Ref.
		1 Pa	10 Pa	100 Pa	1 kPa	10 kPa	100 kPa	
C ₆ Cl ₃ F ₃	1,3,5-Trichloro-2,4,6-trifluorobenzene	-19 e	4 e	32 e	70 e	121.7	197.9	1
C ₆ F ₆	Hexafluorobenzene		-56.9 s	-36 s	-11.5 s	22.6	79.9	1,5
C ₆ F ₁₂	Perfluorocyclohexane				-46.2 s	-7.6 s	48.9 s	5
C ₆ F ₁₄	Perfluorohexane		-75 e	-57 e	-32 e	2.8	56.8	5
C ₆ F ₁₄	Perfluoro-2-methylpentane				-33 e	2.9	57.1	5
C ₆ F ₁₄	Perfluoro-3-methylpentane	-95 e	-80 e	-60 e	-34 e	2.8	57.9	5
C ₆ F ₁₄	Perfluoro-2,3-dimethylbutane					4.3	59.3	5
C ₆ HF ₅	Pentafluorobenzene			-41 e	-13 e	27 e	85.3	5
C ₆ HF ₅ O	Pentafluorophenol				39 e	82 e	145.2	5
C ₆ H ₂ F ₄	1,2,3,4-Tetrafluorobenzene			-36 e	-7 e	33.8	94.0	1
C ₆ H ₂ F ₄	1,2,3,5-Tetrafluorobenzene			-43 e	-14 e	25.5	84.1	1
C ₆ H ₂ F ₄	1,2,4,5-Tetrafluorobenzene					30.7	89.9	1
C ₆ H ₃ Cl ₃ O	2,4,6-Trichlorophenol			71.8	114.0	169.5	245.7	5
C ₆ H ₃ F ₃	1,3,5-Trifluorobenzene					18.2	75.0	5
C ₆ H ₄ Br ₂	<i>m</i> -Dibromobenzene	-7 e	16 e	44 e	83 e	137.0	218.2	5
C ₆ H ₄ ClNO ₂	1-Chloro-4-nitrobenzene	15.4 s	35.8 s		97 e	156.0	238 e	5
C ₆ H ₄ Cl ₂	<i>o</i> -Dichlorobenzene		-13 e	16.3	53.9	104.6	180.0	1,5
C ₆ H ₄ Cl ₂	<i>m</i> -Dichlorobenzene		-22 e	8.0	46.7	97.8	172.5	1,5
C ₆ H ₄ Cl ₂	<i>p</i> -Dichlorobenzene	-45.5 s	-21.8 s	8 s	46.7 s	99.0	173.6	1,5
C ₆ H ₄ O ₂	<i>p</i> -Benzoquinone	-4.1 s	17.8 s	43.5 s	74.3 s	111.6 s		5
C ₆ H ₃ AsCl ₂	Dichlorophenylarsine	6.9	35.2	70 e	113 e	170 e	245 e	5
C ₆ H ₅ Br	Bromobenzene		-25 e	1 e	34.9	83.1	155.4	1
C ₆ H ₅ Cl	Chlorobenzene		-43 e	-17 e	16.8	62.9	131.3	1,5
C ₆ H ₅ ClO	<i>o</i> -Chlorophenol				45.8	97.9	173.9	5
C ₆ H ₅ ClO	<i>m</i> -Chlorophenol			39.7	80.2	135.1	213.4	5
C ₆ H ₅ ClO	<i>p</i> -Chlorophenol			45.0	86.5	142.0	219.9	5
C ₆ H ₅ Cl ₃ Si	Trichlorophenylsilane			33 e	70.2	122.6	201 e	5
C ₆ H ₅ F	Fluorobenzene				-16.9	24.2	84.4	1
C ₆ H ₅ I	Iodobenzene	-30 e	-7 e	20.9	58.5	110.6	187.8	1
C ₆ H ₅ NO ₂	Nitrobenzene		10 e	40 e	78 e	132 e	210.3	1
C ₆ H ₅ NO ₃	<i>p</i> -Nitrophenol	72.6 s	97.4 s					5
C ₆ H ₆	1,5-Hexadien-3-yne	-82 e	-66 e	-44.3	-16.0	23.7	83.6	5
C ₆ H ₆	Benzene**			-40 s	-15.1 s	20.0	79.7	1,5
C ₆ H ₆ ClN	<i>o</i> -Chloroaniline		10 e	39.0	75.2	131.4	208.3	5
C ₆ H ₆ ClN	<i>m</i> -Chloroaniline	-5 e	19.7	49.4	94.2	162 e	1069 e	5
C ₆ H ₆ N ₂ O ₂	<i>p</i> -Nitroaniline	87.8 s			192.0	252.6	331.2	5
C ₆ H ₆ O	Phenol	-9.7 s	9.6 s	34.1 s	68.9	113.7	181.4	1,5
C ₆ H ₆ O ₃	1,2,3-Benzenetriol				162.0	222.8	308.3	5
C ₆ H ₆ S	Benzenethiol		-15 e	12 e	47 e	96.0	168.6	5
C ₆ H ₇ N	Aniline		-2.5	26.7	63.5	112.5	183.5	1,5
C ₆ H ₇ N	2-Methylpyridine	-56.5	-37.8	-13.9	18.3	62.9	129.0	1,5
C ₆ H ₇ N	3-Methylpyridine			-5 e	28.8	75.2	143.7	1
C ₆ H ₇ N	4-Methylpyridine	-58.2 s	-43.1 s	-3.9 s	29.6	76.1	144.9	1,5
C ₆ H ₈	<i>cis</i> -1,3,5-Hexatriene					21 e	78 e	5
C ₆ H ₈	1,3-Cyclohexadiene	-88 e	-71 e	-50 e	-21 e	19 e	79.9	5
C ₆ H ₈	1,4-Cyclohexadiene				-15 e	27.3	85.0	5
C ₆ H ₈ N ₂	Adiponitrile	30 e	61 e	100 e	148.6	211.8	297 e	5
C ₆ H ₈ N ₂	<i>m</i> -Phenylenediamine			94.5	140.2	200.8	285.0	5
C ₆ H ₈ N ₂	Phenylhydrazine		38 e	69 e	109 e	163.9	242.5	5
C ₆ H ₈ O ₄	Dimethyl maleate		5 e	36 e	76 e	127.3	197 e	5
C ₆ H ₈ S	2,5-Dimethylthiophene		-43 e	-16 e	20 e	67.5	134.8	5
C ₆ H ₁₀	<i>trans</i> -1,3-Hexadiene	-86 e	-70 e	-51 e	-24 e	14 e	72 e	5
C ₆ H ₁₀	<i>trans</i> -1,4-Hexadiene	-98 e	-81 e	-60 e	-33 e	7 e	65 e	5
C ₆ H ₁₀	1,5-Hexadiene	-99 e	-84 e	-64 e	-37 e	0.9	59.2	5
C ₆ H ₁₀	<i>cis,cis</i> -2,4-Hexadiene					18 e	79.6	5
C ₆ H ₁₀	<i>trans,cis</i> -2,4-Hexadiene	-89 e	-73 e	-52 e	-23 e	18 e	79.6	5
C ₆ H ₁₀	<i>trans,trans</i> -2,4-Hexadiene				-23 e	18 e	79.6	5
C ₆ H ₁₀	<i>trans</i> -2-Methyl-1,3-pentadiene	-92 e	-75 e	-54 e	-26 e	14 e	75.6	5
C ₆ H ₁₀	2,3-Dimethyl-1,3-butadiene			-59 e	-30 e	9.7	68.1	5
C ₆ H ₁₀	1-Hexyne	-91 e	-75 e	-54 e	-26 e	12.8	71.0	5

Mol. form.	Name	Temperature in °C for the indicated pressure						Ref.
		1 Pa	10 Pa	100 Pa	1 kPa	10 kPa	100 kPa	
C ₆ H ₁₀	2-Hexyne	-84 e	-67 e	-46 e	-17 e	23.6	84.1	5
C ₆ H ₁₀	3-Hexyne	-86 e	-69 e	-48 e	-19.1	21.0	81.0	1,5
C ₆ H ₁₀	4-Methyl-1-pentyne	-97 e	-81 e	-61 e	-34 e	4.1	60.7	5
C ₆ H ₁₀	4-Methyl-2-pentyne	-91 e	-74 e	-54 e	-26 e	13.8	72.7	5
C ₆ H ₁₀	Cyclohexene	-87 e	-70 e	-49 e	-19 e	21 e	82.6	1
C ₆ H ₁₀ Cl ₂	1,1-Dichlorocyclohexane	-39 e	-19 e	8 e	43 e	93.5	170.5	5
C ₆ H ₁₀ Cl ₂	<i>cis</i> -1,2-Dichlorocyclohexane			27 e	69 e	125.7	206.2	5
C ₆ H ₁₀ O	4-Methyl-4-penten-2-one	-59 e	-41 e	-17 e	14 e	57.0	121.0	5
C ₆ H ₁₀ O	Cyclohexanone		-25 e	1 e	36 e	84 e	155.2	1
C ₆ H ₁₀ O	Mesityl oxide	-56 e	-37 e	-13 e	19 e	63.5	129.3	5
C ₆ H ₁₀ O ₂	Vinyl butanoate					53 e	114.5	5
C ₆ H ₁₀ O ₂	Ethyl methacrylate				8 e	53.2	116.8	5
C ₆ H ₁₀ O ₂	Allyl glycidyl ether				40.1	85.7	152.8	5
C ₆ H ₁₀ O ₃	Ethyl acetoacetate	-25 e	-3 e	25.7	62.3	111.3	180.2	5
C ₆ H ₁₀ O ₃	Propanoic anhydride	-32 e	-15 e	6 e	36 e	77.6	142.9	5
C ₆ H ₁₀ O ₄	Diethyl oxalate	-5 e	18 e	44.9	79.4	124.3	185.2	5
C ₆ H ₁₀ O ₄	Dimethyl succinate			30 e	70.4	123.3	195.4	5
C ₆ H ₁₀ O ₄	Ethylene glycol diacetate	-17 e	6 e	35.0	71.9	121.1	190.0	5
C ₆ H ₁₀ S	Diallylsulfide	-58 e	-38 e	-12.4	21.7	68.8	138.1	5
C ₆ H ₁₁ Cl	Chlorocyclohexane		-35 e	-9 e	25 e	71.6	142.1	5
C ₆ H ₁₁ N	Hexanenitrile	-40 e	-19 e	8 e	43 e	91.5	163.2	1,5
C ₆ H ₁₁ N	4-Methylpentanenitrile		-50 e	-20 e	20 e	75.2	155.2	5
C ₆ H ₁₁ NO	Caprolactam	36.8 s	58.9 s	86.6 s			270	5
C ₆ H ₁₂	1-Hexene	-99.8	-82.8	-61.4	-33.7	5.2	63.1	1,5
C ₆ H ₁₂	<i>cis</i> -2-Hexene	-97 e	-80 e	-58 e	-30 e	9.9	68.5	5
C ₆ H ₁₂	<i>trans</i> -2-Hexene	-94 e	-78 e	-57 e	-30 e	9.3	67.5	5
C ₆ H ₁₂	<i>cis</i> -3-Hexene	-96 e	-79 e	-59 e	-30.8	7.9	66.0	5
C ₆ H ₁₂	<i>trans</i> -3-Hexene	-95 e	-79 e	-58 e	-30.0	8.8	66.7	5
C ₆ H ₁₂	2-Methyl-1-pentene	-98 e	-82 e	-62 e	-34.2	4.1	61.7	5
C ₆ H ₁₂	3-Methyl-1-pentene	-104 e	-88 e	-68 e	-41.5	-3.6	53.8	5
C ₆ H ₁₂	4-Methyl-1-pentene	-105 e	-89 e	-69 e	-41.6	-3.6	53.5	5
C ₆ H ₁₂	2-Methyl-2-pentene	-95 e	-78 e	-58 e	-30 e	9.0	66.9	5
C ₆ H ₁₂	3-Methyl- <i>cis</i> -2-pentene	-95 e	-79 e	-58 e	-30 e	8.9	67.3	5
C ₆ H ₁₂	3-Methyl- <i>trans</i> -2-pentene	-93 e	-77 e	-55 e	-27.4	11.7	70.0	5
C ₆ H ₁₂	4-Methyl- <i>cis</i> -2-pentene	-102 e	-86 e	-66 e	-38.7	-0.9	56.0	5
C ₆ H ₁₂	4-Methyl- <i>trans</i> -2-pentene	-100 e	-84 e	-64 e	-36.8	1.2	58.2	5
C ₆ H ₁₂	2-Ethyl-1-butene	-98 e	-81 e	-60 e	-32 e	6.6	64.3	5
C ₆ H ₁₂	2,3-Dimethyl-1-butene	-103 e	-87 e	-67 e	-39.9	-1.9	55.2	5
C ₆ H ₁₂	3,3-Dimethyl-1-butene	-110 e	-95 e	-76 e	-50.8	-14.5	40.8	5
C ₆ H ₁₂	2,3-Dimethyl-2-butene		-75 e	-54 e	-25 e	14 e	72.9	1
C ₆ H ₁₂	Cyclohexane	-85.6 s	-68.9 s	-47.6 s	-19.8 s	19.3	80.4	1,5
C ₆ H ₁₂	Methylcyclopentane	-97 e	-80 e	-58 e	-28.8	11.6	71.4	1,5
C ₆ H ₁₂	Ethylcyclobutane	-99 e	-82 e	-61 e	-32 e	9 e	70.2	5
C ₆ H ₁₂	Isopropylcyclopropane	-104 e	-88 e	-68 e	-40 e	-1 e	57.9	5
C ₆ H ₁₂	1-Ethyl-1-methylcyclopropane	-105 e	-89 e	-69 e	-41 e	-3 e	56.3	5
C ₆ H ₁₂	1,1,2-Trimethylcyclopropane	-109 e	-94 e	-73 e	-46 e	-7 e	52.0	5
C ₆ H ₁₂ Cl ₂	1,2-Dichlorohexane				49 e	98.1	171.7	5
C ₆ H ₁₂ Cl ₂ O	2,2'-Dichlorodiisopropyl ether		-1 e	27.3	63.4	112.3	182.1	5
C ₆ H ₁₂ O	Butyl vinyl ether	-87 e	-67 e	-42 e	-9.3	33.6	93.2	5
C ₆ H ₁₂ O	Isobutyl vinyl ether	-87 e	-68 e	-44 e	-13 e	26.5	80.7	5
C ₆ H ₁₂ O	Hexanal	-56 e	-37 e	-13 e	19 e	62.6	127.8	5
C ₆ H ₁₂ O	2-Hexanone	-43 e	-21 e	4.2	34.5	61.9	127.2	1,5
C ₆ H ₁₂ O	3-Hexanone		-40 e	-16 e	15 e	58.5	123.1	1
C ₆ H ₁₂ O	3-Methyl-2-pentanone				8.5	52.7	117.0	5
C ₆ H ₁₂ O	4-Methyl-2-pentanone	-61 e	-43 e	-21 e	9 e	51.5	116.1	5
C ₆ H ₁₂ O	2-Methyl-3-pentanone					50.2	113.0	5
C ₆ H ₁₂ O	3,3-Dimethyl-2-butanone			-30 e	0 e	42.5	105.7	1
C ₆ H ₁₂ O	Cyclohexanol			34 e	61 e	99.2	160.7	1
C ₆ H ₁₂ O ₂	Hexanoic acid		33 e	59 e	93 e	139.3	204.5	1
C ₆ H ₁₂ O ₂	4-Methylpentanoic acid	36 e	49 e	67.1	92.9	133.6	206.8	5

Mol. form.	Name	Temperature in °C for the indicated pressure						Ref.
		1 Pa	10 Pa	100 Pa	1 kPa	10 kPa	100 kPa	
C ₆ H ₁₂ O ₂	Diethylacetic acid	-9 e	16 e	46 e	83 e	130.7	192.5	5
C ₆ H ₁₂ O ₂	Isopentyl formate	-60 e	-41 e	-17 e	15 e	59.1	124 e	5
C ₆ H ₁₂ O ₂	Butyl acetate	-63 e	-43 e	-19 e	14 e	61.0	125.6	1,5
C ₆ H ₁₂ O ₂	Isobutyl acetate	-63 e	-45 e	-21 e	10 e	53.4	116 e	5
C ₆ H ₁₂ O ₂	Propyl propanoate	-62 e	-42 e	-18 e	14 e	58.3	122.0	5
C ₆ H ₁₂ O ₂	Ethyl butanoate	-49 e	-34 e	-14 e	14.3	55.2	121.1	5
C ₆ H ₁₂ O ₂	Ethyl 2-methylpropanoate	-65 e	-47 e	-24.6	5.4	47.3	109.8	5
C ₆ H ₁₂ O ₂	Methyl pentanoate				19.2	63.7	127.4	5
C ₆ H ₁₂ O ₂	Methyl isopentanoate					53.3	116.3	5
C ₆ H ₁₂ O ₂	Diacetone alcohol	-41 e	-17 e	13 e	50.1	98.5	164 e	5
C ₆ H ₁₂ O ₃	Ethylene glycol monoethyl ether acetate	-25 e	-8 e	14 e	44.6	88.0	155.6	5
C ₆ H ₁₂ O ₃	Paraldehyde				17 e	62.2	124 e	5
C ₆ H ₁₂ S	Cyclohexanethiol					84.8	158.3	5
C ₆ H ₁₂ S	<i>cis</i> -Tetrahydro-2,5-dimethylthiophene	-53 e	-34 e	-8 e	25 e	72.0	142.1	5
C ₆ H ₁₂ S	Tetrahydro-3-methyl-2H-thiopyran	-48 e	-27 e	0 e	35 e	84.1	157.5	5
C ₆ H ₁₃ Br	1-Bromohexane	-45 e	-25 e	2 e	36 e	83.7	154.8	5
C ₆ H ₁₃ Cl	1-Chlorohexane	-55 e	-36 e	-11 e	21 e	66.7	134.6	5
C ₆ H ₁₃ F	1-Fluorohexane	-80 e	-62 e	-40 e	-11 e	30.4	91.1	5
C ₆ H ₁₃ I	1-Iodohexane	-33 e	-11 e	16 e	53 e	104.0	180.8	5
C ₆ H ₁₃ N	Cyclohexylamine			-9 e	22 e	66.6	133.5	1
C ₆ H ₁₄	Hexane	-96.4 s	-79.2	-57.6	-29.3	9.8	68.3	16
C ₆ H ₁₄	2-Methylpentane	-100 e	-84 e	-64 e	-36 e	2 e	59.9	1
C ₆ H ₁₄	3-Methylpentane	-99 e	-83 e	-62 e	-34.3	4.6	62.9	1
C ₆ H ₁₄	2,2-Dimethylbutane		-90 e	-71.5	-45.5	-7.7	49.4	1
C ₆ H ₁₄	2,3-Dimethylbutane	-103 e	-87 e	-66 e	-39.0	-0.4	57.6	1
C ₆ H ₁₄ O	1-Hexanol		5 e	28 e	56.8	97.3	157.1	1
C ₆ H ₁₄ O	2-Hexanol	-28 e	-10 e	12 e	41.4	81.5	139.6	1
C ₆ H ₁₄ O	3-Hexanol	-43 e	-23 e	1 e	33 e	75.4	135.1	1
C ₆ H ₁₄ O	2-Methyl-1-pentanol			14 e	45.9	88.3	147.6	5
C ₆ H ₁₄ O	4-Methyl-1-pentanol			24 e	53 e	92.4	151.4	5
C ₆ H ₁₄ O	2-Methyl-2-pentanol	-29 e	-15 e	3 e	27.1	63.0	120.9	5
C ₆ H ₁₄ O	3-Methyl-2-pentanol				36.5	76.1	133.8	5
C ₆ H ₁₄ O	4-Methyl-2-pentanol	-43 e	-24 e	0 e	30 e	71.9	131.3	5
C ₆ H ₁₄ O	2-Methyl-3-pentanol				29.8	68.8	126.0	5
C ₆ H ₁₄ O	3-Methyl-3-pentanol		-23 e	-4 e	22.9	61.1	121.1	5
C ₆ H ₁₄ O	2-Ethyl-1-butanol		-5 e	17 e	46 e	85.7	146.1	5
C ₆ H ₁₄ O	3,3-Dimethyl-1-butanol	-37 e	-16 e	9 e	42 e	84.3	142.5	5
C ₆ H ₁₄ O	2,3-Dimethyl-2-butanol			-5 e	23 e	61.3	118.2	5
C ₆ H ₁₄ O	Dipropyl ether	-80 e	-63 e	-41 e	-12 e	28.8	89.7	1
C ₆ H ₁₄ O	Diisopropyl ether		-76 e	-55 e	-28 e	11 e	68.1	1
C ₆ H ₁₄ O	Butyl ethyl ether	-78 e	-61 e	-39 e	-10 e	31.0	91.9	1
C ₆ H ₁₄ O	<i>tert</i> -Butyl ethyl ether	-90 e	-74 e	-53 e	-24.6	14.4	72.6	5
C ₆ H ₁₄ O ₂	2-Methyl-2,4-pentanediol	-8 e	17 e	48 e	86 e	134.4	197.5	5
C ₆ H ₁₄ O ₂	Ethylene glycol monobutyl ether	-31 e	-8 e	20 e	55 e	103.2	170.2	5
C ₆ H ₁₄ O ₂	1,1-Diethoxyethane	-68 e	-49 e	-26 e	3.7	44.2	101.9	5
C ₆ H ₁₄ O ₂	Ethylene glycol diethyl ether		-59 e	-35.3	-2.8	44.4	118.8	5
C ₆ H ₁₄ O ₃	1,2,6-Hexanetriol	92 e	114.8	146.0	191 e			5
C ₆ H ₁₄ O ₃	Dipropylene glycol				110 e	162.6	231.4	5
C ₆ H ₁₄ O ₃	Diethylene glycol monoethyl ether			40 e	80.3	132.4	201.4	5
C ₆ H ₁₄ O ₃	Diethylene glycol dimethyl ether	-42 e	-20 e	8.3	44.3	92.3	159.4	5
C ₆ H ₁₄ O ₃	Trimethylolpropane	73 e	98 e	128 e	167.8	220.5	295 e	5
C ₆ H ₁₄ O ₄	Triethylene glycol	44 e	74 e	109.0	152.6	207.2	277.9	5
C ₆ H ₁₄ S	1-Hexanethiol	-45 e	-25 e	1 e	35 e	81.7	152.2	5
C ₆ H ₁₄ S	2-Hexanethiol	-50 e	-32 e	-8 e	25 e	69.9	138.4	5
C ₆ H ₁₄ S	Dipropyl sulfide	-50 e	-30 e	-6 e	28 e	73.6	142.4	5
C ₆ H ₁₄ S	Diisopropyl sulfide	-65 e	-47 e	-23 e	9 e	53.1	119.6	5
C ₆ H ₁₄ S	Isopropyl propyl sulfide				18.5	63.8	131.6	5
C ₆ H ₁₄ S	Butyl ethyl sulfide	-49 e	-30 e	-5 e	29 e	74.8	143.8	5
C ₆ H ₁₅ N	Hexylamine			-10 e	22 e	66.0	130.6	5
C ₆ H ₁₅ N	Butylethylamine				6.1	47.7	107.0	5

Mol. form.	Name	Temperature in °C for the indicated pressure						Ref.
		1 Pa	10 Pa	100 Pa	1 kPa	10 kPa	100 kPa	
C ₆ H ₁₅ N	Dipropylamine		-48 e	-25 e	6 e	47.5	108.8	5
C ₆ H ₁₅ N	Diisopropylamine			-47 e	-17.5	23.5	84.0	5
C ₆ H ₁₅ N	Triethylamine	-58 e	-45 e	-29 e	-5 e	29.9	88.5	1
C ₆ H ₁₅ NO	2-Diethylaminoethanol					97 e	160.6	5
C ₆ H ₁₅ NO ₃	Triethanolamine	75 e	108 e	148 e	196 e	256.7	334 e	5
C ₆ H ₁₅ O ₄ P	Triethyl phosphate			34	76	132	211	4
C ₆ H ₁₆ N ₂	Hexamethylenediamine				76.0	128.2	199.0	5
C ₆ H ₁₆ O ₂ Si	Diethoxydimethylsilane	-62 e	-44 e	-21.2	9.1	51.0	113.0	5
C ₆ H ₁₈ Cl ₂ O ₂ Si ₃	1,5-Dichloro-1,1,3,3,5,5-hexamethyltrisiloxane	-29 e	-7 e	22.2	59.7	110.5	183.4	5
C ₆ H ₁₈ OSi ₂	Hexamethyldisiloxane		-56 e	-34 e	-5 e	37.1	100.1	5
C ₆ MoO ₆	Molybdenum hexacarbonyl		17.4 s	42.8 s	73.1 s	109.9 s	155.4 s	5
C ₇ F ₁₄	Perfluoromethylcyclohexane				-21 e	18 e	75.9	1
C ₇ F ₁₆	Perfluoroheptane		-62 e	-41 e	-14 e	24.7	82.1	1
C ₇ HF ₁₅	1H-Pentadecafluoroheptane				-7 e	35.9	96.0	5
C ₇ H ₃ ClF ₃ NO ₂	1-Chloro-2-nitro-4-(trifluoromethyl)benzene	3 e	26 e	55 e	92.8	145.2	222.0	5
C ₇ H ₃ F ₅	2,3,4,5,6-Pentafluorotoluene			-20 e	11 e	53.6	117.0	5
C ₇ H ₄ ClF ₃	1-Chloro-2-(trifluoromethyl) benzene			1 e	34.5	81.8	151.8	5
C ₇ H ₄ ClF ₃	1-Chloro-3-(trifluoromethyl) benzene	-53 e	-34 e	-9 e	24.2	69.8	137.2	5
C ₇ H ₄ ClF ₃	1-Chloro-4-(trifluoromethyl) benzene			-9 e	24.2	70.4	138.1	5
C ₇ H ₄ Cl ₂ O	<i>o</i> -Chlorobenzoyl chloride				93 e	149 e	237.0	5
C ₇ H ₄ Cl ₂ O	<i>m</i> -Chlorobenzoyl chloride				87.8	147 e	225.0	5
C ₇ H ₄ F ₃ NO ₂	1-Nitro-3-(trifluoromethyl) benzene		11 e	39 e	76.2	127.3	202.2	5
C ₇ H ₄ F ₄	1-Fluoro-4-(trifluoromethyl) benzene			-38 e	-6 e	38.6	102.3	5
C ₇ H ₅ BrO	Benzoyl bromide	-15 e	11 e	42.6	83.9	139.5	218.0	5
C ₇ H ₅ ClO	Benzoyl chloride			27.5	67.0	120.4	196.7	5
C ₇ H ₅ Cl ₃	(Trichloromethyl)benzene		9 e	40.6	81.5	136.2	213.0	5
C ₇ H ₅ F ₃	(Trifluoromethyl)benzene				-3 e	39 e	101.6	5
C ₇ H ₅ N	Benzonitrile		-6 e	23.9	63.1	115.7	190.0	5
C ₇ H ₅ NS	Phenyl isothiocyanate				79.4	105 e	117 e	5
C ₇ H ₆ Cl ₂	2,4-Dichlorotoluene		6 e	33 e	68.3	119.5	199.1	5
C ₇ H ₆ Cl ₂	3,4-Dichlorotoluene	-13 e	9 e	38 e	76 e	129.3	208.4	5
C ₇ H ₆ Cl ₂	(Dichloromethyl)benzene			31	72	130	213	4
C ₇ H ₆ O	Benzaldehyde		-9 e	19 e	54.6	104.6	178.3	1
C ₇ H ₆ O ₂	Salicylaldehyde		-1 e	29 e	68 e	120.7	196.2	5
C ₇ H ₇ Br	<i>o</i> -Bromotoluene		-10 e	17 e	54 e	104.8	181.1	5
C ₇ H ₇ Br	<i>m</i> -Bromotoluene	-34 e	-11 e	19.4	58.1	109.9	183.1	5
C ₇ H ₇ Br	<i>p</i> -Bromotoluene				57 e	107.8	183.8	5
C ₇ H ₇ Br	(Bromomethyl)benzene			25.4	66.8	121.7	198.3	5
C ₇ H ₇ Cl	<i>o</i> -Chlorotoluene		-24 e	3 e	38 e	86.3	158.7	1,5
C ₇ H ₇ Cl	<i>m</i> -Chlorotoluene	-41 e	-21 e	6 e	41 e	89 e	161.8	5
C ₇ H ₇ Cl	<i>p</i> -Chlorotoluene				40 e	88.9	161.5	1,5
C ₇ H ₇ Cl	(Chloromethyl)benzene	-34 e	-11 e	17.7	55.4	106.3	178.9	5
C ₇ H ₇ ClO	1-Chloro-2-methoxy-benzene	-22 e	2 e	33 e	72 e	125.2	201 e	5
C ₇ H ₇ F	<i>o</i> -Fluorotoluene		-50 e	-26 e	5 e	49.0	113.9	5
C ₇ H ₇ F	<i>m</i> -Fluorotoluene	-67 e	-48 e	-25 e	7 e	51.0	116.1	5
C ₇ H ₇ F	<i>p</i> -Fluorotoluene		-48 e	-24 e	7 e	51 e	116.2	5
C ₇ H ₇ NO ₂	<i>o</i> -Nitrotoluene	23 e	40 e	62 e	94 e	141.9	221.9	5
C ₇ H ₇ NO ₂	<i>m</i> -Nitrotoluene			45 e	89.7	148.7	231.3	5
C ₇ H ₇ NO ₃	2-Nitroanisole	15 e	45 e	82 e	129 e	189.4	271.8	5
C ₇ H ₈	Toluene	-78.1	-57.1	-31.3	1.5	45.2	110.1	5
C ₇ H ₈	Bicyclo[2.2.1]hepta-2,5-diene				-15 e	27.4	91 e	5
C ₇ H ₈ Cl ₂ Si	Dichloromethylphenylsilane			32.4	71.8	126.0	205.0	5
C ₇ H ₈ O	<i>o</i> -Cresol	-6.4 s	12.8 s	40.2	72.3	120.3	190.5	1,5
C ₇ H ₈ O	<i>m</i> -Cresol	20.8	33.6	52.4	82.6	130.6	201.8	1,5
C ₇ H ₈ O	<i>p</i> -Cresol	-0.2 s	20.7 s	52.7	83.1	130.7	201.5	1,5
C ₇ H ₈ O	Benzyl alcohol	8 e	28 e	54 e	88 e	134.7	204.9	1
C ₇ H ₈ O	Anisole		-21 e	4 e	38 e	84 e	153.2	1,5
C ₇ H ₈ S	3-Methylbenzenethiol		0 e	29 e	66 e	117.9	194.6	5
C ₇ H ₉ N	Benzylamine			25.6	62.6	112.7	183.9	5

Mol. form.	Name	Temperature in °C for the indicated pressure						Ref.
		1 Pa	10 Pa	100 Pa	1 kPa	10 kPa	100 kPa	
C ₇ H ₉ N	<i>o</i> -Methylaniline	1.0	18.8	42.6	76.1	125.6	199.9	1,5
C ₇ H ₉ N	<i>m</i> -Methylaniline	3.8	22.0	46.2	80.1	128.8	202.9	1,5
C ₇ H ₉ N	<i>p</i> -Methylaniline				77.1	126.2	199.9	5
C ₇ H ₉ N	<i>N</i> -Methylaniline	-16 e	6 e	34 e	70.3	121.1	195.8	1
C ₇ H ₉ N	2-Ethylpyridine	-46 e	-26 e	-1 e	33 e	79.3	149.0	5
C ₇ H ₉ N	3-Ethylpyridine	-38 e	-17 e	9 e	44 e	92.7	166.5	5
C ₇ H ₉ N	4-Ethylpyridine	-35 e	-15 e	11 e	46 e	94.4	168.6	5
C ₇ H ₉ N	2,3-Dimethylpyridine				42 e	89.9	160.6	5
C ₇ H ₉ N	2,4-Dimethylpyridine		-25 e	3.7	40.0	87.5	157.9	1,5
C ₇ H ₉ N	2,5-Dimethylpyridine			4 e	39 e	86.2	156.6	1
C ₇ H ₉ N	2,6-Dimethylpyridine			-3 e	29.9	75.8	143.6	1
C ₇ H ₉ N	3,4-Dimethylpyridine		-9 e	19 e	55 e	104.8	178.6	5
C ₇ H ₉ N	3,5-Dimethylpyridine			11 e	48 e	98 e	171.5	1
C ₇ H ₁₀ N ₂	Toluene-2,4-diamine			100.4	145.3	202.9	279.5	5
C ₇ H ₁₂	1-Heptyne	-75 e	-57 e	-35 e	-5 e	37.1	99.5	5
C ₇ H ₁₂	2-Heptyne		-51 e	-27 e	4 e	46.9	111.5	5
C ₇ H ₁₂	3-Heptyne	-71 e	-53 e	-31 e	0 e	42.7	106.4	5
C ₇ H ₁₂	5-Methyl-1-hexyne	-80 e	-62 e	-40 e	-11 e	30.1	91.4	5
C ₇ H ₁₂	5-Methyl-2-hexyne	-75 e	-57 e	-34 e	-4 e	38.6	102.0	5
C ₇ H ₁₂	2-Methyl-3-hexyne	-78 e	-61 e	-39 e	-9 e	32.6	94.8	5
C ₇ H ₁₂	4,4-Dimethyl-1-pentyne		-73 e	-52 e	-24 e	15.9	75.6	5
C ₇ H ₁₂	4,4-Dimethyl-2-pentyne		-70 e	-48 e	-19 e	21.4	82.6	5
C ₇ H ₁₂	Bicyclo[4.1.0]heptane					49.9	116.3	5
C ₇ H ₁₂	Cycloheptene			-30.0	3.4	47.5	108 e	5
C ₇ H ₁₂	1-Methylbicyclo(3,1,0)hexane					29.8	92.6	5
C ₇ H ₁₂	Methylenecyclohexane	-76 e	-58 e	-35 e	-5 e	38 e	103.0	5
C ₇ H ₁₂	1-Methylcyclohexene	-72 e	-53 e	-30 e	1 e	45 e	109.8	5
C ₇ H ₁₂	4-Methylcyclohexene	-76 e	-59 e	-36 e	-5 e	37.9	102.3	5
C ₇ H ₁₂	1-Ethylcyclopentene	-75 e	-57 e	-34 e	-3 e	40.7	105.8	5
C ₇ H ₁₂	1,2-Dimethylcyclopentene	-75 e	-57 e	-34 e	-3 e	40.2	105.3	5
C ₇ H ₁₂	1,5-Dimethylcyclopentene	-77 e	-59 e	-36 e	-5.5	37.3	101.5	5
C ₇ H ₁₂ O	Cycloheptanone			18 e	53.7	104.0	178.7	5
C ₇ H ₁₂ O ₂	Butyl acrylate	-52 e	-31 e	-4.5	30.4	78.0	146.9	5
C ₇ H ₁₂ O ₂	Propyl methacrylate				26 e	73.8	139.7	5
C ₇ H ₁₂ O ₃	Ethyl levulinate		17 e	45.3	82.6	133.2	205.7	5
C ₇ H ₁₂ O ₄	Diethyl malonate	-23 e	4 e	36.0	76.4	128.5	198.3	5
C ₇ H ₁₂ O ₄	Dimethyl glutarate	-11 e	15 e	47 e	87.7	139.8	209.5	5
C ₇ H ₁₃ ClO	Heptanoyl chloride	-17 e	4 e	29.4	59.7	96.9	144.0	5
C ₇ H ₁₄	1-Heptene	-82.1	-63.8	-40.6	-10.7	31.1	93.2	1,5
C ₇ H ₁₄	<i>cis</i> -2-Heptene	-79 e	-61 e	-38 e	-8 e	34.3	98.0	5
C ₇ H ₁₄	<i>trans</i> -2-Heptene	-79 e	-61 e	-39 e	-8 e	34.0	97.5	5
C ₇ H ₁₄	<i>cis</i> -3-Heptene	-80 e	-62 e	-40 e	-10 e	32.3	95.3	5
C ₇ H ₁₄	<i>trans</i> -3-Heptene	-80 e	-62 e	-40 e	-10 e	32.2	95.2	5
C ₇ H ₁₄	2-Methyl-1-hexene	-81 e	-64 e	-42 e	-12 e	29.3	91.6	5
C ₇ H ₁₄	4-Methyl-1-hexene	-84 e	-67 e	-45 e	-16 e	25.3	86.3	5
C ₇ H ₁₄	2-Methyl-2-hexene	-80 e	-63 e	-40 e	-10 e	32.0	95.0	5
C ₇ H ₁₄	<i>cis</i> -3-Methyl-2-hexene	-79 e	-62 e	-39 e	-9 e	33.4	96.8	5
C ₇ H ₁₄	<i>trans</i> -4-Methyl-2-hexene	-83 e	-66 e	-44 e	-15 e	25.9	87.1	5
C ₇ H ₁₄	<i>trans</i> -5-Methyl-2-hexene	-83 e	-66 e	-44 e	-15 e	26.3	87.7	5
C ₇ H ₁₄	<i>trans</i> -2-Methyl-3-hexene	-84 e	-67 e	-45 e	-16 e	24.6	85.5	5
C ₇ H ₁₄	3-Ethyl-1-pentene	-85 e	-68 e	-46 e	-17 e	23.2	83.7	5
C ₇ H ₁₄	2,3-Dimethyl-1-pentene	-85 e	-68 e	-46 e	-17 e	23.4	83.8	5
C ₇ H ₁₄	2,4-Dimethyl-1-pentene	-88 e	-71 e	-50 e	-21 e	20.0	81.2	5
C ₇ H ₁₄	3,3-Dimethyl-1-pentene	-87 e	-71 e	-50 e	-21 e	18.1	77.1	5
C ₇ H ₁₄	4,4-Dimethyl-1-pentene	-94 e	-78 e	-57 e	-28 e	11.5	72.1	5
C ₇ H ₁₄	2,3-Dimethyl-2-pentene	-79 e	-62 e	-39 e	-9 e	33.5	96.9	5
C ₇ H ₁₄	2,4-Dimethyl-2-pentene	-84 e	-68 e	-46 e	-18 e	22.6	82.9	5
C ₇ H ₁₄	<i>cis</i> -3,4-Dimethyl-2-pentene	-83 e	-65 e	-43 e	-14 e	27.2	88.8	5
C ₇ H ₁₄	<i>trans</i> -3,4-Dimethyl-2-pentene	-82 e	-64 e	-42 e	-13 e	29.0	91.1	5
C ₇ H ₁₄	<i>cis</i> -4,4-Dimethyl-2-pentene	-90 e	-73 e	-51 e	-22 e	18.6	80.0	5

Mol. form.	Name	Temperature in °C for the indicated pressure						Ref.
		1 Pa	10 Pa	100 Pa	1 kPa	10 kPa	100 kPa	
C ₇ H ₁₄	<i>trans</i> -4,4-Dimethyl-2-pentene	-90 e	-73 e	-52 e	-23 e	16.6	76.3	5
C ₇ H ₁₄	2,3,3-Trimethyl-1-butene	-91 e	-75 e	-53 e	-24.2	16.3	77.5	5
C ₇ H ₁₄	Cycloheptane				6 e	51.1	118.4	1
C ₇ H ₁₄	Methylcyclohexane	-79 e	-62 e	-39 e	-7.9	35.5	100.5	1
C ₇ H ₁₄	Ethylcyclopentane	-76 e	-59 e	-35 e	-5 e	38.4	103.0	5
C ₇ H ₁₄	1,1-Dimethylcyclopentane		-69 e	-47 e	-17 e	24.8	87.4	5
C ₇ H ₁₄	<i>cis</i> -1,2-Dimethylcyclopentane			-38 e	-8 e	34.9	99.0	5
C ₇ H ₁₄	<i>trans</i> -1,2-Dimethylcyclopentane	-83 e	-66 e	-43 e	-13 e	28.4	91.4	5
C ₇ H ₁₄	<i>cis</i> -1,3-Dimethylcyclopentane	-84 e	-66 e	-44 e	-14 e	28.2	91.1	5
C ₇ H ₁₄	<i>trans</i> -1,3-Dimethylcyclopentane	-84 e	-67 e	-44 e	-14 e	27.4	90.3	5
C ₇ H ₁₄ O	1-Heptanal	-41 e	-21 e	4 e	37 e	83.7	152.3	5
C ₇ H ₁₄ O	2-Heptanone		-22 e	3 e	36 e	82.2	150.6	1
C ₇ H ₁₄ O	3-Heptanone		-28 e	0 e	36 e	83.2	147.0	5
C ₇ H ₁₄ O	4-Heptanone	-27 e	-6 e	18.8	50.2	90.3	143.4	5
C ₇ H ₁₄ O	5-Methyl-2-hexanone		-27 e	-2 e	31.0	76.6	144.4	5
C ₇ H ₁₄ O	2,4-Dimethyl-3-pentanone	-61 e	-42 e	-18 e	14 e	58.5	124.8	1
C ₇ H ₁₄ O ₂	Heptanoic acid	24 e	46 e	72 e	107 e	154.6	222.6	5
C ₇ H ₁₄ O ₂	Pentyl acetate	-58 e	-39 e	-14 e	20 e	70.1	149 e	5
C ₇ H ₁₄ O ₂	Isopentyl acetate	-51 e	-30 e	-4 e	30.3	76.2	141.4	5
C ₇ H ₁₄ O ₂	Isobutyl propanoate	-35 e	-19 e	2 e	31 e	72.0	136.1	5
C ₇ H ₁₄ O ₂	Propyl butanoate	-35 e	-19 e	3 e	32.0	74.9	142.8	5
C ₇ H ₁₄ O ₂	Propyl isobutanoate		-28 e	-5.7	24.5	67.5	133.3	5
C ₇ H ₁₄ O ₂	Isopropyl isobutanoate		-44 e	-19.7	12.2	56.0	120.1	5
C ₇ H ₁₄ O ₂	Ethyl 3-methylbutanoate	-57 e	-36 e	-10 e	23.9	69.5	134.4	5
C ₇ H ₁₄ O ₂	Methyl hexanoate	-47 e	-26 e	2 e	36.6	83.3	149 e	5
C ₇ H ₁₄ O ₂	4-Methoxy-4-methyl-2-pentanone				43 e	89.8	160 e	5
C ₇ H ₁₅ Br	1-Bromoheptane	-30 e	-9 e	18 e	54 e	104.4	178.4	5
C ₇ H ₁₅ Cl	1-Chloroheptane	-39 e	-19 e	7 e	41 e	88.6	159.9	5
C ₇ H ₁₅ F	1-Fluoroheptane	-64 e	-45 e	-22 e	10 e	53.3	117.4	5
C ₇ H ₁₅ I	1-Iodoheptane	-19 e	3 e	32 e	71 e	123.8	203.4	5
C ₇ H ₁₆	Heptane	-78.6	-60.2	-37.0	-6.6	35.4	98.0	16
C ₇ H ₁₆	2-Methylhexane	-82 e	-65 e	-43 e	-13 e	27.8	89.7	1
C ₇ H ₁₆	3-Methylhexane	-81 e	-64 e	-42 e	-12 e	29.2	91.5	1
C ₇ H ₁₆	3-Ethylpentane	-81 e	-63 e	-41 e	-11 e	30.5	93.1	1
C ₇ H ₁₆	2,2-Dimethylpentane	-90 e	-73 e	-52 e	-22.9	17.6	78.8	1
C ₇ H ₁₆	2,3-Dimethylpentane	-87 e	-68.4	-45.3	-14.9	26.8	89.3	5
C ₇ H ₁₆	2,4-Dimethylpentane	-89 e	-72 e	-50 e	-21.3	19.2	80.1	1
C ₇ H ₁₆	3,3-Dimethylpentane	-88 e	-71 e	-49 e	-18.8	22.9	85.6	1
C ₇ H ₁₆	2,2,3-Trimethylbutane				-23.2	18.1	80.4	5
C ₇ H ₁₆ O	1-Heptanol		17 e	40 e	70.1	112.5	176 e	1
C ₇ H ₁₆ O	2-Heptanol	-9 e	7 e	27 e	55.0	95.2	158.7	5
C ₇ H ₁₆ O	3-Heptanol	-8 e	7 e	27 e	54.5	93.9	156.3	5
C ₇ H ₁₆ O	4-Heptanol	-16 e	1 e	22 e	51 e	91.9	154.6	5
C ₇ H ₁₆ O	2,2-Dimethyl-3-pentanol			9 e	35 e	73.1	135.5	5
C ₇ H ₁₆ S	1-Heptanethiol	-30 e	-9 e	18 e	53 e	102.7	176.4	5
C ₇ H ₁₇ N	Heptylamine			5 e	39 e	86.7	156.4	5
C ₇ H ₁₈ N ₂	<i>N,N</i> -Diethyl-1,3-propanediamine				50.1	99.9	167.7	5
C ₈ F ₁₈	Perfluorooctane				5 e	45.0	105.6	5
C ₈ H ₄ O ₃	Phthalic anhydride	48.2 s	72.4 s			192.7	284.2	5
C ₈ H ₆ O	Benzofuran		-16 e	12 e	47.9	97.7	170.7	5
C ₈ H ₇ Cl	<i>o</i> -Chlorostyrene	-33 e	-10 e	20 e	58 e	110.8	188 e	5
C ₈ H ₇ N	2-Methylbenzotrile		1 e	32.1	72.2	126.6	204.7	5
C ₈ H ₇ N	4-Methylbenzotrile			40.1	78.7	134.3	221.3	5
C ₈ H ₇ N	Benzeneacetoneitrile	-3 e	23 e	55.3	97.4	153.7	233.1	5
C ₈ H ₇ N	Indole	20.6 s	44.5 s				254.0	5
C ₈ H ₇ NO ₄	Methyl 2-nitrobenzoate	17 e	49 e	89 e	140 e	208 e	302 e	5
C ₈ H ₈	Styrene		-31 e	-5 e	28.6	75.4	144.7	1
C ₈ H ₈	1,3,5,7-Cyclooctatetraene				24.3	71.0	140.1	5
C ₈ H ₈ O	Acetophenone			36 e	73 e	125.3	201.5	5
C ₈ H ₈ O ₂	Phenyl acetate		3 e	33.1	72.2	123.9	195.5	5

Mol. form.	Name	Temperature in °C for the indicated pressure						Ref.
		1 Pa	10 Pa	100 Pa	1 kPa	10 kPa	100 kPa	
C ₈ H ₈ O ₂	Methyl benzoate		-1 e	29 e	68 e	121.2	198.9	5
C ₈ H ₈ O ₂	4-Methoxybenzaldehyde	9 e	35 e	68.1	110.8	167.9	248.5	5
C ₈ H ₈ O ₃	Methyl salicylate	-1 e	22 e	51 e	88.8	141.8	219.9	5
C ₈ H ₉ Cl	1-Chloro-2-ethylbenzene	-30 e	-9 e	18 e	54 e	103.7	177.9	5
C ₈ H ₉ Cl	1-Chloro-4-ethylbenzene	-27 e	-6 e	22 e	58 e	108.7	183.9	5
C ₈ H ₉ NO ₂	1-Ethyl-4-nitrobenzene	10 e	36 e	69 e	111.6	168 e	245 e	5
C ₈ H ₁₀	Ethylbenzene	-56.2	-36.8	-12.0	21.1	67.1	135.7	1
C ₈ H ₁₀	<i>o</i> -Xylene			-7 e	27 e	74.2	143.9	1
C ₈ H ₁₀	<i>m</i> -Xylene		-35 e	-10 e	23.4	69.8	138.7	1
C ₈ H ₁₀	<i>p</i> -Xylene				22.4	68.9	137.9	1
C ₈ H ₁₀ O	<i>o</i> -Ethylphenol		16.9	44.5	81.1	130.9	204.0	5
C ₈ H ₁₀ O	<i>m</i> -Ethylphenol	5.6	29.2	57.5	91.9	144.8	217.9	5
C ₈ H ₁₀ O	<i>p</i> -Ethylphenol			60 e	95.5	144.6	217.5	5
C ₈ H ₁₀ O	2,3-Xylenol	14.3 s	34.3 s	57.2 s	91.4	141.7	216.4	1,5
C ₈ H ₁₀ O	2,4-Xylenol			50.2	85.5	137.2	210.5	1,5
C ₈ H ₁₀ O	2,5-Xylenol	13.4 s	33.2 s	55.9 s	87.4	137.0	210.6	5
C ₈ H ₁₀ O	2,6-Xylenol	-3.1 s	16.7 s	39.6 s	75.3	125.9	200.6	1,5
C ₈ H ₁₀ O	3,4-Xylenol	19.7 s	40.2 s	63.7 s	102.1	152.3	226.4	1,5
C ₈ H ₁₀ O	3,5-Xylenol	16.5 s	37.2 s	61.1 s	98.0	147.9	221.3	1,5
C ₈ H ₁₀ O	Benzeneethanol	2 e	25 e	54 e	92 e	143.6	217.7	5
C ₈ H ₁₀ O	Phenetole		-9 e	17 e	51 e	99 e	169.3	5
C ₈ H ₁₀ O ₂	2-Phenoxyethanol	21 e	46 e	75.9	115.4	168.7	244.8	5
C ₈ H ₁₀ O ₂	1,3-Dimethoxybenzene	18 e	34 e	56 e	86.7	135.5	223 e	5
C ₈ H ₁₁ N	<i>p</i> -Ethylaniline	-2 e	21 e	49 e	87 e	139.4	216.7	5
C ₈ H ₁₁ N	<i>N</i> -Ethylaniline	-15 e	8 e	38 e	76.4	128.8	204.2	5
C ₈ H ₁₁ N	<i>N,N</i> -Dimethylaniline			28 e	66 e	118.1	193.6	1
C ₈ H ₁₁ N	2,4-Xylidine	-2 e	21 e	51 e	88 e	139.1	210.9	5
C ₈ H ₁₁ N	2,6-Xylidine			37 e	80 e	137.7	217.7	5
C ₈ H ₁₁ N	5-Ethyl-2-picoline	-33 e	-9.3	20 e			178.0	5
C ₈ H ₁₁ NO	<i>o</i> -Phenetidine	0 e	27 e	60 e	102.2	156.0	228.1	5
C ₈ H ₁₂	1,5-Cyclooctadiene		-37 e	-8 e	30 e	80.2	150 e	5
C ₈ H ₁₂	4-Vinylcyclohexene	-62 e	-43 e	-19 e	14.1	59.9	129 e	5
C ₈ H ₁₂ O ₄	Diethyl maleate	-6 e	20 e	52.2	93.5	148.4	224.8	5
C ₈ H ₁₄	2,5-Dimethyl-1,5-hexadiene	-38 e	-26 e	-10 e	14 e	50.8	115.1	5
C ₈ H ₁₄	1-Octyne	-59 e	-40 e	-16 e	16 e	60.3	125.8	1
C ₈ H ₁₄	2-Octyne	-52 e	-33 e	-8 e	25 e	70.6	137.8	1
C ₈ H ₁₄	3-Octyne	-55 e	-35 e	-11 e	22 e	66.8	132.8	1
C ₈ H ₁₄	4-Octyne	-56 e	-36 e	-12 e	21 e	65.6	131.4	1
C ₈ H ₁₄	1-Ethylcyclohexene	-55 e	-35 e	-11 e	22 e	68 e	136.5	5
C ₈ H ₁₄ O ₂	Cyclohexyl acetate					103.1	172.9	5
C ₈ H ₁₄ O ₂	Butyl methacrylate			47 e	93.3	159.0	244.8	5
C ₈ H ₁₄ O ₃	Butanoic anhydride	-28 e	-2 e	30 e	71 e	123.8	196.5	5
C ₈ H ₁₄ O ₄	Ethyl succinate	-6 e	20 e	51.0	91.1	143.7	216.1	5
C ₈ H ₁₄ O ₄	Dipropyl oxalate	-4 e	20 e	49.9	88.6	140.4	213.0	5
C ₈ H ₁₄ O ₄	Dimethyl adipate		28 e	61 e	103 e	156.1	227.3	5
C ₈ H ₁₅ Br	(2-Bromoethyl)cyclohexane	-14 e	8 e	36.9	75.3	129.7	212.5	5
C ₈ H ₁₅ ClO	Octanoyl chloride	1 e	22 e	46 e	74.7	109 e	150 e	5
C ₈ H ₁₅ N	Octanenitrile	-15 e	8 e	37 e	75 e	127.7	204.4	5
C ₈ H ₁₆	1-Octene	-65.7	-46.1	-21.4	10.5	54.9	120.9	1,5
C ₈ H ₁₆	<i>cis</i> -2-Octene	-59 e	-41 e	-17 e	15 e	59 e	125.2	5
C ₈ H ₁₆	<i>trans</i> -2-Octene	-59 e	-41 e	-17 e	14 e	59 e	124.5	5
C ₈ H ₁₆	<i>cis</i> -3-Octene	-65 e	-46 e	-22 e	10 e	55.1	122.4	5
C ₈ H ₁₆	<i>trans</i> -3-Octene	-61 e	-43 e	-19 e	13 e	57 e	122.8	5
C ₈ H ₁₆	<i>cis</i> -4-Octene	-63 e	-44 e	-20 e	11 e	56 e	122.1	5
C ₈ H ₁₆	<i>trans</i> -4-Octene	-65 e	-46 e	-22 e	10 e	54.6	121.8	5
C ₈ H ₁₆	2-Methyl-1-heptene	-66 e	-48 e	-24 e	8 e	52.3	118.7	5
C ₈ H ₁₆	2,2-Dimethyl- <i>cis</i> -3-hexene	-74 e	-56 e	-33 e	-3 e	40.1	105.0	5
C ₈ H ₁₆	2,3-Dimethyl-2-hexene	-65 e	-47 e	-23 e	10 e	54.3	121.3	5
C ₈ H ₁₆	2,3,3-Trimethyl-1-pentene		-53 e	-30 e	1 e	43.8	107.9	5
C ₈ H ₁₆	2,4,4-Trimethyl-1-pentene	-79 e	-61 e	-38 e	-7 e	36.2	101.0	5

Mol. form.	Name	Temperature in °C for the indicated pressure						Ref.
		1 Pa	10 Pa	100 Pa	1 kPa	10 kPa	100 kPa	
C ₈ H ₁₆	2,3,4-Trimethyl-2-pentene	-68 e	-49 e	-26 e	6 e	50.0	115.8	5
C ₈ H ₁₆	2,4,4-Trimethyl-2-pentene	-73 e	-56 e	-33 e	-2 e	40.4	104.5	5
C ₈ H ₁₆	Cyclooctane				30 e	78 e	150.7	1
C ₈ H ₁₆	Ethylcyclohexane	-61 e	-42 e	-17 e	15.8	61.9	131.3	5
C ₈ H ₁₆	1,1-Dimethylcyclohexane			-27 e	5 e	50.6	119.1	5
C ₈ H ₁₆	<i>cis</i> -1,2-Dimethylcyclohexane		-44 e	-20 e	14 e	59.7	129.2	5
C ₈ H ₁₆	<i>trans</i> -1,2-Dimethylcyclohexane	-68 e	-49 e	-25 e	8 e	53.9	122.9	5
C ₈ H ₁₆	<i>cis</i> -1,3-Dimethylcyclohexane	-68 e	-48 e	-23 e	10 e	55.6	123.1	5
C ₈ H ₁₆	<i>trans</i> -1,3-Dimethylcyclohexane	-62 e	-45 e	-23 e	8 e	51.5	120.9	5
C ₈ H ₁₆	<i>cis</i> -1,4-Dimethylcyclohexane	-66 e	-47 e	-23 e	10 e	55.3	123.8	5
C ₈ H ₁₆	<i>trans</i> -1,4-Dimethylcyclohexane			-27 e	5 e	50.6	118.9	5
C ₈ H ₁₆	Propylcyclopentane	-60 e	-41 e	-16 e	16.5	62.1	130.5	5
C ₈ H ₁₆	Isopropylcyclopentane	-65 e	-46 e	-21 e	12 e	57.3	125.9	5
C ₈ H ₁₆	1-Ethyl-1-methylcyclopentane	-67 e	-49 e	-24 e	8 e	53.2	121.0	5
C ₈ H ₁₆	<i>cis</i> -1-Ethyl-2-methylcyclopentane	-63 e	-44 e	-19 e	13.3	59.1	127.6	5
C ₈ H ₁₆	1,1,2-Trimethylcyclopentane				2 e	46.2	113.2	5
C ₈ H ₁₆	1,1,3-Trimethylcyclopentane	-77 e	-59 e	-36 e	-5 e	38.7	104.4	5
C ₈ H ₁₆	1',2',4a-1,2,4-Trimethylcyclo-pentane	-70 e	-52 e	-28 e	4 e	48.9	116.2	5
C ₈ H ₁₆	1',2a,4'-1,2,4-Trimethylcyclo-pentane	-74 e	-56 e	-33 e	-1 e	42.8	108.8	5
C ₈ H ₁₆ O	1-Propylcyclopentanol	9 e	24 e	43 e	69.0	108.4	173.5	5
C ₈ H ₁₆ O	Octanal			6 e	45.7	97.8	170.2	5
C ₈ H ₁₆ O	2-Octanone		-3 e	23 e	57 e	103.8	172.1	5
C ₈ H ₁₆ O	3-Octanone			8 e	47.7	97 e	161 e	5
C ₈ H ₁₆ O	2,2,4-Trimethyl-3-pentanone			11.3	42.1	81.7	134.6	5
C ₈ H ₁₆ O ₂	Octanoic acid	37 e	58 e	85 e	120 e	165.5	238.4	1,5
C ₈ H ₁₆ O ₂	2-Ethylhexanoic acid				108 e	159.6	226.6	5
C ₈ H ₁₆ O ₂	Hexyl acetate	-37 e	-13 e	16 e	52.8	100.4	164 e	5
C ₈ H ₁₆ O ₂	Isopentyl propanoate			3.1	40.7	90.6	159.8	5
C ₈ H ₁₆ O ₂	Isobutyl isobutanoate	-47 e	-26 e	0.4	34.8	81.1	147.0	5
C ₈ H ₁₆ O ₂	Propyl 3-methylbutanoate			1.8	38.9	87.9	155.6	5
C ₈ H ₁₆ O ₂	Ethyl hexanoate	-31 e	-9 e	18.7	53.9	100.7	166.2	5
C ₈ H ₁₆ O ₂	Methyl heptanoate	-30 e	-9 e	19 e	54.2	102.4	172 e	5
C ₈ H ₁₆ O ₄	Diethylene glycol monoethyl ether acetate	-16 e	10.6	43.9	86.2	141.3	216.6	5
C ₈ H ₁₇ Br	1-Bromooctane	-17 e	6 e	34 e	72 e	123.8	200.3	5
C ₈ H ₁₇ Cl	1-Chlorooctane	-25 e	-4 e	23 e	59 e	108.8	182.9	5
C ₈ H ₁₇ Cl	3-(Chloromethyl)heptane					100.3	172.4	5
C ₈ H ₁₇ F	1-Fluorooctane				29 e	74.6	141.8	5
C ₈ H ₁₇ I	1-Iodoctane	-6 e	18 e	48 e	87 e	142.5	224.5	5
C ₈ H ₁₈	Octane		-42.6	-17.9	14.4	58.9	125.3	16
C ₈ H ₁₈	2-Methylheptane	-69 e	-49.1	-24.5	7.6	51.6	117.2	1,5
C ₈ H ₁₈	3-Methylheptane	-67 e	-48.1	-23.6	8.5	52.7	118.5	1,5
C ₈ H ₁₈	4-Methylheptane	-65 e	-47 e	-24 e	7.8	51.6	117.2	5
C ₈ H ₁₈	3-Ethylhexane				8 e	52.1	118.1	5
C ₈ H ₁₈	2,2-Dimethylhexane	-73 e	-55 e	-32 e	-1.5	41.6	106.4	5
C ₈ H ₁₈	2,3-Dimethylhexane				5 e	49.2	115.1	5
C ₈ H ₁₈	2,4-Dimethylhexane				0.6	43.9	109.0	5
C ₈ H ₁₈	2,5-Dimethylhexane	-71 e	-53 e	-30 e	0.7	43.8	108.6	5
C ₈ H ₁₈	3,3-Dimethylhexane	-72 e	-54 e	-30 e	1.4	45.4	111.5	5
C ₈ H ₁₈	3,4-Dimethylhexane				7 e	50.9	117.3	5
C ₈ H ₁₈	3-Ethyl-2-methylpentane	-69 e	-50 e	-27 e	5 e	48.9	115.2	5
C ₈ H ₁₈	3-Ethyl-3-methylpentane	-70 e	-51 e	-27 e	5 e	50.2	117.8	5
C ₈ H ₁₈	2,2,3-Trimethylpentane	-74 e	-56 e	-32 e	-0.8	43.1	109.4	5
C ₈ H ₁₈	2,2,4-Trimethylpentane	-81.9	-63.4	-39.8	-8.9	34.0	98.8	5
C ₈ H ₁₈	2,3,3-Trimethylpentane	-72 e	-54 e	-30 e	2.1	46.9	114.3	5
C ₈ H ₁₈	2,3,4-Trimethylpentane	-74 e	-54.5	-30.0	2.2	46.7	113.1	1,5
C ₈ H ₁₈	2,2,3,3-Tetramethylbutane	-62.5 s	-44 s	-20.9 s	8.9 s	48.8 s	105.8	5
C ₈ H ₁₈ O	1-Octanol	12 e	30 e	53 e	84 e	128.2	194.8	1,39
C ₈ H ₁₈ O	2-Octanol			40 e	69.9	112.5	179.4	1,39
C ₈ H ₁₈ O	3-Octanol	12 e	24 e	40 e	64 e	102.8	174.1	1

Mol. form.	Name	Temperature in °C for the indicated pressure						Ref.
		1 Pa	10 Pa	100 Pa	1 kPa	10 kPa	100 kPa	
C ₈ H ₁₈ O	4-Octanol			40 e	66.9	107.3	176.0	1,39
C ₈ H ₁₈ O	4-Methyl-3-heptanol	-52 e	-28 e	1 e	39 e	87.6	155.0	5
C ₈ H ₁₈ O	5-Methyl-3-heptanol	-35 e	-16 e	8 e	40 e	84.8	153.0	5
C ₈ H ₁₈ O	4-Methyl-4-heptanol	-17 e	1 e	24 e	55 e	97.2	160.7	5
C ₈ H ₁₈ O	2-Ethyl-1-hexanol			45 e	75 e	118.3	184.2	1
C ₈ H ₁₈ O	2-Ethyl-2-hexanol	-13 e	4 e	26 e	55 e	96.3	160.3	5
C ₈ H ₁₈ O	2,4,4-Trimethyl-2-pentanol		-7 e	13 e	40 e	79.8	146.1	5
C ₈ H ₁₈ O	2,2,4-Trimethyl-3-pentanol	-2 e	9 e	24 e	47 e	82.6	150.4	5
C ₈ H ₁₈ O	Dibutyl ether	-55 e	-35 e	-8 e	26 e	73.0	141.2	5
C ₈ H ₁₈ O	Di- <i>sec</i> -butyl ether			-19 e	12.1	55.4	120.6	5
C ₈ H ₁₈ O	Di- <i>tert</i> -butyl ether			-33 e	-2 e	41.7	106.8	1
C ₈ H ₁₈ O ₂	Ethylene glycol monohexyl ether	-13 e	14 e	46 e	86 e	137.7	206.9	5
C ₈ H ₁₈ O ₂	1,2-Dipropoxyethane			-44.2	-2.0	63.6	179.2	5
C ₈ H ₁₈ O ₂	Di- <i>tert</i> -butyl peroxide			-26 e	4.3	46.6	110.5	5
C ₈ H ₁₈ O ₃	Diethylene glycol monobutyl ether	14 e	37 e	66.8	104.9	153 e	230.4	5
C ₈ H ₁₈ O ₃	Diethylene glycol diethyl ether	-32 e	-7 e	25 e	64.9	117.1	189 e	5
C ₈ H ₁₈ O ₅	Tetraethylene glycol	89 e	117 e	151.1	192.2	242.9	307.3	5
C ₈ H ₁₈ S	1-Octanethiol	-15 e	6 e	34 e	71 e	122.1	198.5	5
C ₈ H ₁₈ S	Dibutyl sulfide	-22 e	0 e	27 e	63 e	113.5	188.4	5
C ₈ H ₁₉ N	Dibutylamine	-37 e	-16 e	10 e	44 e	90.8	159.1	5
C ₈ H ₁₉ N	Diisobutylamine	-57 e	-36 e	-9.0	25.5	72.2	139.0	5
C ₈ H ₂₀ O ₄ Si	Ethyl silicate	-77 e	-52 e	-21 e	21.6	80.5	164.1	5
C ₈ H ₂₀ Si	Tetraethylsilane			-6.5	30.5	80.6	152.6	5
C ₉ F ₂₀	Perfluorononane					40 e	114.7	5
C ₉ H ₆ N ₂ O ₂	Toluene-2,4-diisocyanate		39 e	72 e	113.9	169.7	247 e	5
C ₉ H ₇ N	Quinoline	-1.3	23.7	55.4	96.8	153.4	236.5	1,5
C ₉ H ₇ N	Isoquinoline		30.2	60.7	101.3	157.9	242.7	1,5
C ₉ H ₈	Indene			12 e	53.0	106.8	181.0	5
C ₉ H ₁₀	<i>cis</i> -1-Propenylbenzene	-38 e	-15.4	13.3	51.4	103.7	178.4	5
C ₉ H ₁₀	<i>trans</i> -1-Propenylbenzene		-16 e	13.3	51.6	103.7	178.4	5
C ₉ H ₁₀	Isopropenylbenzene			3.2	41.5	92.8	164.9	5
C ₉ H ₁₀	Indan	-33 e	-12 e	16 e	52 e	102.3	177.5	1
C ₉ H ₁₀ O	2,4-Dimethylbenzaldehyde	-3 e	23 e	54 e	93.2	144.6	214.5	5
C ₉ H ₁₀ O ₂	Ethyl benzoate	-18 e	8 e	39 e	80.1	135.1	212.8	5
C ₉ H ₁₀ O ₂	Benzyl acetate	-11 e	15 e	46.6	86.9	139.5	211 e	5
C ₉ H ₁₁ Br	1-Bromo-4-isopropylbenzene	-8 e	15 e	45 e	84 e	138.1	218.5	5
C ₉ H ₁₁ Cl	1-Chloro-2-isopropylbenzene	-23 e	-1 e	27 e	64 e	114.6	190.5	5
C ₉ H ₁₁ Cl	1-Chloro-4-isopropylbenzene		3 e	31 e	69 e	120.5	197.8	5
C ₉ H ₁₂	Propylbenzene	-43 e	-23 e	4 e	38 e	86.7	158.8	1
C ₉ H ₁₂	Isopropylbenzene	-46 e	-26 e	-1 e	33 e	80.9	152.0	1
C ₉ H ₁₂	<i>o</i> -Ethyltoluene	-40 e	-19 e	8 e	43 e	92.1	164.7	5
C ₉ H ₁₂	<i>m</i> -Ethyltoluene	-42 e	-21 e	5 e	40.4	88.9	160.8	5
C ₉ H ₁₂	<i>p</i> -Ethyltoluene	-41 e	-21 e	6 e	41 e	89.2	161.5	5
C ₉ H ₁₂	1,2,3-Trimethylbenzene		-12 e	15 e	52 e	101.5	175.6	1
C ₉ H ₁₂	1,2,4-Trimethylbenzene	-37 e	-16 e	11 e	47 e	95.9	168.9	1
C ₉ H ₁₂	1,3,5-Trimethylbenzene	-39 e	-18 e	9 e	43.7	92.4	164.3	1
C ₉ H ₁₂ O	Benzyl ethyl ether		-10 e	20.4	59.3	111.3	184.5	5
C ₉ H ₁₂ O	Phenyl propyl ether		-10 e	21 e	61 e	113.9	189.3	5
C ₉ H ₁₂ O	Phenyl isopropyl ether	-20 e	-1 e	23 e	56 e	103.7	176.9	5
C ₉ H ₁₃ N	2,4,6-Trimethylaniline	12 e	36 e	66 e	104.1	154.9	226 e	5
C ₉ H ₁₃ N	<i>N,N</i> -Dimethyl- <i>o</i> -toluidine	-25 e	-3 e	24.4	60.6	110.7	184.5	5
C ₉ H ₁₃ N	Amphetamine			33 e	70.1	118 e	202.0	5
C ₉ H ₁₄ O	Isophorone		1 e	33.1	75.1	132.4	215.1	5
C ₉ H ₁₄ O ₆	Triacetin	37.6	62 e	90 e	124 e	165 e	214 e	5
C ₉ H ₁₆ O ₄	Diethyl glutarate	-1 e	26 e	60.2	103.3	159.6	236.5	5
C ₉ H ₁₇ N	Nonanenitrile	-3 e	21 e	50.9	90.7	145.4	225.1	5
C ₉ H ₁₈	1-Nonene	-50.1	-29.4	-3.3	30.4	77.1	146.4	1,5
C ₉ H ₁₈	2-Methyl-1-octene	-53 e	-34 e	-9 e	25 e	72 e	144.1	5
C ₉ H ₁₈	Butylcyclopentane	-45 e	-24 e	1 e	36 e	84 e	156.1	5
C ₉ H ₁₈	Propylcyclohexane	-46 e	-26 e	0 e	35.1	83.6	156.2	5

Mol. form.	Name	Temperature in °C for the indicated pressure						Ref.
		1 Pa	10 Pa	100 Pa	1 kPa	10 kPa	100 kPa	
C ₉ H ₁₈	Isopropylcyclohexane	-48 e	-28 e	-2 e	33 e	81.3	154.0	5
C ₉ H ₁₈	<i>trans</i> -1-Ethyl-4-methylcyclo-hexane	-53 e	-33 e	-8 e	25 e	71.8	141.5	5
C ₉ H ₁₈	1,1,2-Trimethylcyclohexane			-12 e	23 e	71.5	145.5	5
C ₉ H ₁₈	1,1,3-Trimethylcyclohexane	-60 e	-41 e	-16 e	18 e	65.2	136.1	5
C ₉ H ₁₈	1',2a,4a-1,2,4-Trimethylcyclo-hexane	-71 e	-50 e	-22 e	15 e	65.7	140.7	5
C ₉ H ₁₈	1',3',5'-1,3,5-Trimethylcyclo-hexane	-72 e	-50 e	-22 e	14 e	65.1	140.0	5
C ₉ H ₁₈	Isobutylcyclopentane	-105 e	-88 e	-64 e	-28 e	31 e	147.0	5
C ₉ H ₁₈	<i>cis</i> -1-Methyl-2-propylcyclo-pentane	-52 e	-33 e	-7 e	28 e	77 e	152.0	5
C ₉ H ₁₈	<i>trans</i> -1-Methyl-2-propylcyclo-pentane	-56 e	-36 e	-11 e	23 e	72 e	145.8	5
C ₉ H ₁₈	1,1,3,3-Tetramethylcyclo-pentane	-72 e	-54 e	-30 e	2 e	47 e	117.4	5
C ₉ H ₁₈ O	Nonanal		-3 e	27.4	65.5	115.6	184.6	5
C ₉ H ₁₈ O	2-Nonanone		8 e	35 e	71 e	121.0	194.0	5
C ₉ H ₁₈ O	5-Nonanone			-1 e	39.1	94 e	188 e	5
C ₉ H ₁₈ O	2,6-Dimethyl-4-heptanone	-32 e	-12 e	14 e	48 e	96.2	167.7	5
C ₉ H ₁₈ O ₂	Nonanoic acid	48 e	69 e	97 e	133 e	182.7	255.1	5
C ₉ H ₁₈ O ₂	Heptyl acetate	-16 e	6 e	34 e	70 e	119.9	191.9	5
C ₉ H ₁₈ O ₂	Isopentyl butanoate				55 e	105.6	178.4	5
C ₉ H ₁₈ O ₂	Isobutyl 3-methylbutanoate			11.3	48.3	97.9	168.3	5
C ₉ H ₁₈ O ₂	Propyl hexanoate	-26 e	-2 e	28 e	65.1	113.4	178 e	5
C ₉ H ₁₈ O ₂	Methyl octanoate	-26 e	-9 e	13 e	40 e	76 e	127.9	5
C ₉ H ₁₉ Cl	1-Chlorononane	-11 e	11 e	39 e	76 e	127.8	204.7	5
C ₉ H ₂₀	Nonane	-46.8	-26.0	0.0	34.0	80.8	150.3	16
C ₉ H ₂₀	2-Methyloctane	-49 e	-30 e	-5 e	28 e	73.9	142.8	5
C ₉ H ₂₀	3-Methyloctane	-49 e	-29 e	-5 e	29 e	74.7	143.7	5
C ₉ H ₂₀	4-Methyloctane	-50 e	-30 e	-6 e	27 e	73.2	141.9	5
C ₉ H ₂₀	2,2-Dimethylheptane	-58 e	-39 e	-15 e	18 e	63.6	132.3	5
C ₉ H ₂₀	2,3-Dimethylheptane	-53 e	-33 e	-9 e	25 e	70.8	140.0	5
C ₉ H ₂₀	2,6-Dimethylheptane	-55 e	-36 e	-12 e	21 e	66.4	134.7	5
C ₉ H ₂₀	3-Ethyl-4-methylhexane			-9 e	24 e	70.6	139.9	5
C ₉ H ₂₀	2,2,4-Trimethylhexane	-66.1	-46.4	-21.3	11.8	57.7	126.0	5
C ₉ H ₂₀	2,2,5-Trimethylhexane	-65.1	-45.8	-21.2	11.2	56.2	123.7	1,5
C ₉ H ₂₀	2,3,3-Trimethylhexane	-58 e	-38 e	-13 e	20 e	66.7	137.2	5
C ₉ H ₂₀	2,3,5-Trimethylhexane	-60 e	-41 e	-16 e	17 e	62.3	130.9	5
C ₉ H ₂₀	2,4,4-Trimethylhexane	-62 e	-43 e	-18 e	15 e	61.0	130.2	5
C ₉ H ₂₀	3,3,4-Trimethylhexane	-53 e	-33 e	-7 e	28 e	76.3	148.9	5
C ₉ H ₂₀	3,3-Diethylpentane			-9 e	26 e	73.7	145.7	1
C ₉ H ₂₀	3-Ethyl-2,4-dimethylpentane	-58 e	-38 e	-13 e	20 e	66.7	136.2	5
C ₉ H ₂₀	2,2,3,3-Tetramethylpentane				21 e	68.5	139.8	1
C ₉ H ₂₀	2,2,3,4-Tetramethylpentane	-61 e	-42 e	-17 e	16 e	62.5	132.6	1
C ₉ H ₂₀	2,2,4,4-Tetramethylpentane		-49 e	-25 e	8 e	53.2	121.8	1
C ₉ H ₂₀	2,3,3,4-Tetramethylpentane	-57 e	-37 e	-12 e	22 e	69.7	141.1	1
C ₉ H ₂₀ O	1-Nonanol		40 e	64 e	96.9	141.0	213.0	5,39
C ₉ H ₂₀ O	3-Nonanol		24 e	47 e	78 e	123.0	194.2	5
C ₉ H ₂₀ O	4-Nonanol			45 e	76.4	121.3	192.0	5
C ₉ H ₂₀ O	5-Nonanol	13 e	31 e	54 e	84.5	128.1	194.7	5
C ₉ H ₂₀ O	2,2,4,4-Tetramethyl-3-pentanol				58	100	167	5
C ₉ H ₂₀ S	1-Nonanethiol	-2 e	21 e	49 e	87 e	140.4	219.2	5
C ₉ H ₂₁ BO ₃	Triisopropyl borate					73.1	139.0	5
C ₉ H ₂₁ N	Nonylamine		9 e	37 e	75 e	126.2	202.1	5
C ₉ H ₂₁ N	Tripropylamine	-39 e	-18 e	8 e	42 e	88.2	156.0	5
C ₁₀ F ₈	Perfluoronaphthalene	5.2 s	25.1 s	48.1 s				5
C ₁₀ F ₂₂	Perfluorodecane					52 e	132.9	5
C ₁₀ H ₇ Br	1-Bromonaphthalene	17 e	45 e	80.3	126.7	189.8	280.5	5
C ₁₀ H ₇ Cl	1-Chloronaphthalene	14 e	39 e	70.5	112.8	171.6	258.6	5
C ₁₀ H ₈	Naphthalene**	3.2 s	24.1 s	49.3 s	80.7	135.6	217.5	1,5
C ₁₀ H ₈	Azulene	24.1 s	46 s	71.5 s	103.3	162.6	244.0	5
C ₁₀ H ₈ O	1-Naphthol				137.2	196.7	281.8	5
C ₁₀ H ₈ O	2-Naphthol				140.7	200.5	286.8	5
C ₁₀ H ₉ N	1-Naphthalenamine		62 e	99.0	146.9	210.7	300.1	5
C ₁₀ H ₉ N	2-Naphthalenamine	36.3 s	65.9 s	103 s	150.9	215.1	305.5	5

Mol. form.	Name	Temperature in °C for the indicated pressure						Ref.
		1 Pa	10 Pa	100 Pa	1 kPa	10 kPa	100 kPa	
C ₁₀ H ₉ N	2-Methylquinoline	5.3	31.9	63.8	102.9	165.8	247.2	5
C ₁₀ H ₉ N	4-Methylquinoline	29 e	54 e	85 e	127 e	183.0	265.1	5
C ₁₀ H ₉ N	6-Methylquinoline	27 e	51 e	81 e	122 e	179.2	264.5	5
C ₁₀ H ₉ N	8-Methylquinoline	15 e	40 e	70 e	111 e	166.1	247.3	5
C ₁₀ H ₁₀	<i>m</i> -Divinylbenzene	-29 e	-4 e	27.1	67.6	122.1	199 e	5
C ₁₀ H ₁₀ O ₄	Dimethyl phthalate	27 e	56 e	92.7	137.8	195.8	272.7	5
C ₁₀ H ₁₀ O ₄	Dimethyl isophthalate			85 e	129.5	189.2	273 e	5
C ₁₀ H ₁₀ O ₄	Dimethyl terephthalate	56.6 s	79.4 s	106.1 s	137.9 s	197.9	282 e	5
C ₁₀ H ₁₂	1,2,3,4-Tetrahydronaphthalene	-21 e	3 e	33.2	74.1	127.4	207.8	5
C ₁₀ H ₁₂	2-Ethylstyrene	-31 e	-8 e	21 e	60 e	111.7	187 e	5
C ₁₀ H ₁₂	3-Ethylstyrene	-28 e	-5.3	24.1	62.6	116 e	193 e	5
C ₁₀ H ₁₂	4-Ethylstyrene	-31 e	-8.2	21.3	60.5	115 e	196 e	5
C ₁₀ H ₁₂ O	Estragole			48.5	88.0	140.7	214.6	5
C ₁₀ H ₁₂ O	4-Isopropylbenzaldehyde			54.1	96.0	152.2	231.5	5
C ₁₀ H ₁₂ O ₂	4-Allyl-2-methoxyphenol	9 e	37 e	72 e	115.9	173.8	252.9	5
C ₁₀ H ₁₂ O ₂	2-Phenylethyl acetate	-4 e	22 e	54 e	96 e	152.3	232.0	5
C ₁₀ H ₁₂ O ₂	Propyl benzoate	-8 e	18 e	50.2	92.3	149.2	230.5	5
C ₁₀ H ₁₂ O ₂	Ethyl phenylacetate	-9 e	19 e	52 e	95 e	150.2	225 e	5
C ₁₀ H ₁₂ O ₂	Isoeugenol				125 e	185.3	267.1	5
C ₁₀ H ₁₄	Butylbenzene	-28 e	-7 e	21 e	56.9	107.6	182.8	1,5
C ₁₀ H ₁₄	<i>sec</i> -Butylbenzene	-35 e	-14 e	13 e	48 e	98.3	172.8	5
C ₁₀ H ₁₄	<i>tert</i> -Butylbenzene	-37 e	-16 e	10 e	46 e	94.9	168.6	5
C ₁₀ H ₁₄	Isobutylbenzene	-36 e	-15 e	12 e	47.9	97.8	172.3	5
C ₁₀ H ₁₄	<i>o</i> -Cymene	-39 e	-16 e	13 e	51 e	103.1	177.8	5
C ₁₀ H ₁₄	<i>m</i> -Cymene	-34 e	-13 e	14 e	50 e	99.9	174.6	5
C ₁₀ H ₁₄	<i>p</i> -Cymene	-33 e	-12 e	16 e	52 e	102.2	176.6	5
C ₁₀ H ₁₄	<i>o</i> -Diethylbenzene	-28 e	-6 e	21 e	58 e	107.9	182.9	5
C ₁₀ H ₁₄	<i>m</i> -Diethylbenzene	-28 e	-7 e	20 e	56 e	106.2	180.6	5
C ₁₀ H ₁₄	<i>p</i> -Diethylbenzene	-28 e	-6 e	21 e	57 e	108.1	183.3	5
C ₁₀ H ₁₄	3-Ethyl-1,2-dimethylbenzene	-22 e	0 e	28 e	66 e	117.2	193.4	5
C ₁₀ H ₁₄	4-Ethyl-1,2-dimethylbenzene	-24 e	-2 e	26 e	63 e	113.6	189.2	5
C ₁₀ H ₁₄	2-Ethyl-1,3-dimethylbenzene		-2 e	26 e	63 e	113.7	189.5	5
C ₁₀ H ₁₄	2-Ethyl-1,4-dimethylbenzene	-27 e	-5 e	23 e	60 e	110.6	186.4	5
C ₁₀ H ₁₄	1-Ethyl-2,4-dimethylbenzene	-25 e	-4 e	24 e	61 e	112.2	187.9	5
C ₁₀ H ₁₄	1-Ethyl-3,5-dimethylbenzene	-28 e	-6 e	21 e	58 e	108.3	183.2	5
C ₁₀ H ₁₄	1-Methyl-2-propylbenzene	-27 e	-6 e	22 e	58.2	108.9	184.3	5
C ₁₀ H ₁₄	1-Methyl-3-propylbenzene	-29 e	-8 e	20 e	56.1	106.5	181.3	5
C ₁₀ H ₁₄	1-Methyl-4-propylbenzene	-29 e	-7 e	20 e	56.6	107.4	182.8	5
C ₁₀ H ₁₄	1,2,3,4-Tetramethylbenzene		7 e	36 e	74 e	126.6	204.5	5
C ₁₀ H ₁₄	1,2,3,5-Tetramethylbenzene	-19 e	3 e	32 e	69 e	120.9	197.5	5
C ₁₀ H ₁₄	1,2,4,5-Tetramethylbenzene					119.9	196.3	5
C ₁₀ H ₁₄ O	2-Butylphenol	7 e	31 e	61 e	101 e	155.2	234.4	5
C ₁₀ H ₁₄ O	Butyl phenyl ether	-16 e	8 e	38 e	77 e	131.3	209.7	5
C ₁₀ H ₁₄ O	Thymol	18.9 s	37.9 s	59.5	101.2	155.0	230.4	5
C ₁₀ H ₁₅ N	2-Methyl-5-isopropylaniline	19 e	43 e	72 e	107.4	150 e	204 e	5
C ₁₀ H ₁₅ N	<i>N</i> -Butylaniline	11 e	35 e	66 e	106 e	160.9	241.0	5
C ₁₀ H ₁₅ N	<i>N,N</i> -Diethylaniline	-11 e	14 e	44.3	84.2	138.4	216.3	5
C ₁₀ H ₁₆	Dipentene	-42 e	-19 e	10.6	48.7	100.2	173.9	5
C ₁₀ H ₁₆	<i>d</i> -Limonene	-45 e	-21 e	9.1	48.0	100.4	174.5	5
C ₁₀ H ₁₆	<i>l</i> -Limonene	-33 e	-12 e	16 e	52.0	102.3	177.0	21
C ₁₀ H ₁₆	β-Myrcene			9.4	47.3	98.3	171.0	5
C ₁₀ H ₁₆	α-Pinene	-48 e	-27 e	-1 e	33.6	82.2	155.1	21
C ₁₀ H ₁₆	β-Pinene	-43 e	-22 e	5.0	40.6	90.5	165.5	21
C ₁₀ H ₁₆	Camphene					90.7	160.1	4
C ₁₀ H ₁₆	Terpinolene			26.5	64.9	115.4	184.6	5
C ₁₀ H ₁₆	β-Phellandrene			16 e	53.2	104 e	171.0	5
C ₁₀ H ₁₆ O	(+)-Camphor	-15.8 s	10 s	41.5 s	80.8 s	131.4 s	207.6	5
C ₁₀ H ₁₆ O	Pulegone	37 e	49.1	66.4	92.2	135.1	220.2	5
C ₁₀ H ₁₈	1-Decyne	-34 e	-13 e	14 e	51 e	100.3	173.5	5
C ₁₀ H ₁₈	<i>cis</i> -Decahydronaphthalene	-26 e	-4 e	24 e	62.4	115.5	195.3	1

Mol. form.	Name	Temperature in °C for the indicated pressure						Ref.
		1 Pa	10 Pa	100 Pa	1 kPa	10 kPa	100 kPa	
C ₁₀ H ₁₈	<i>trans</i> -Decahydronaphthalene		-10 e	18 e	55.3	107.9	186.8	1
C ₁₀ H ₁₈ O	α-Terpineol			48	89	142	217	4
C ₁₀ H ₁₈ O	Eucalyptol			10.6	48.5	100.3	175.4	5
C ₁₀ H ₁₈ O	<i>trans</i> -Geraniol	4 e	31 e	63.2	104.3	157.7	229.6	5
C ₁₀ H ₁₈ O ₄	Sebacic acid	125.9 s						5
C ₁₀ H ₁₈ O ₄	Dipropyl succinate	11 e	38 e	72.1	115.4	172.3	250.4	5
C ₁₀ H ₁₈ O ₄	Diethyl adipate	4 e	35 e	72 e	116.6	171.2	239.5	5
C ₁₀ H ₁₉ N	Decanenitrile	13 e	36 e	66 e	105.8	160.6	241.6	5
C ₁₀ H ₂₀	1-Decene	-35.5	-13.7	13.7	49.0	97.9	170.1	1,5
C ₁₀ H ₂₀	Cyclodecane			29 e	68 e	121.3	201.8	1
C ₁₀ H ₂₀	Butylcyclohexane	-31 e	-9 e	18 e	54 e	104.7	180.4	5
C ₁₀ H ₂₀	Isobutylcyclohexane	-37 e	-16 e	10 e	46 e	95.9	170.8	5
C ₁₀ H ₂₀	<i>tert</i> -Butylcyclohexane	-39 e	-18 e	9 e	45 e	95.3	171.1	5
C ₁₀ H ₂₀ O	Decanal		16 e	47.2	86.3	137.7	208.0	5
C ₁₀ H ₂₀ O ₂	Decanoic acid	58 e	80 e	108 e	145 e	195.2	269.5	5
C ₁₀ H ₂₀ O ₂	Octyl acetate	-26 e	-3 e	27 e	66.3	120.0	198.2	5
C ₁₀ H ₂₀ O ₂	2-Ethylhexyl acetate	-11 e	5 e	26 e	57.6	107.1	197.2	5
C ₁₀ H ₂₀ O ₂	Isopentyl isopentanoate			22 e	62.8	116.9	193.6	5
C ₁₀ H ₂₀ O ₂	Ethyl octanoate	-17 e	9 e	41 e	81.4	133.2	203 e	5
C ₁₀ H ₂₀ O ₄	Diethylene glycol monobutyl ether acetate	6 e	34 e	69 e	112.6	169.2	245.4	5
C ₁₀ H ₂₁ Br	1-Bromodecane	9 e	33 e	63 e	104 e	159.2	240.0	5
C ₁₀ H ₂₁ Cl	1-Chlorodecane	2 e	25 e	54 e	92 e	145.7	225.3	5
C ₁₀ H ₂₁ F	1-Fluorodecane	-22 e	0 e	27 e	64 e	113.3	185.7	5
C ₁₀ H ₂₂	Decane		-10.6	16.7	52.3	101.1	173.7	16
C ₁₀ H ₂₂	2-Methylnonane	-34 e	-14 e	12 e	47 e	94.8	166.5	5
C ₁₀ H ₂₂	3-Methylnonane	-34 e	-14 e	12 e	47 e	95.1	167.3	5
C ₁₀ H ₂₂	4-Methylnonane	-36 e	-16 e	10 e	45 e	93.1	165.2	5
C ₁₀ H ₂₂	5-Methylnonane	-36 e	-16 e	10 e	45 e	92.6	164.6	5
C ₁₀ H ₂₂	2,4-Dimethyloctane				38 e	84.9	155.4	5
C ₁₀ H ₂₂	2,7-Dimethyloctane	-39 e	-19 e	7 e	41 e	88.4	159.4	5
C ₁₀ H ₂₂	2,2,6-Trimethylheptane	-46 e	-27 e	-2 e	32 e	78.5	148.4	5
C ₁₀ H ₂₂	3,3,5-Trimethylheptane			0 e	35 e	82.7	155.2	5
C ₁₀ H ₂₂	2,2,3,3-Tetramethylhexane	-46 e	-25 e	1 e	36 e	85.6	159.8	5
C ₁₀ H ₂₂	2,2,5,5-Tetramethylhexane			-10 e	22 e	68.3	137.0	5
C ₁₀ H ₂₂	2,4-Dimethyl-3-isopropylpentane	-46 e	-26 e	0 e	35 e	83.2	156.5	5
C ₁₀ H ₂₂	2,2,3,3,4-Pentamethylpentane		-24 e	3 e	39 e	89.1	165.5	5
C ₁₀ H ₂₂	2,2,3,4,4-Pentamethylpentane		-29 e	-3 e	33 e	82.8	158.7	5
C ₁₀ H ₂₂ O	1-Decanol	30 e	50 e	75 e	109 e	157.3	230.6	1,39
C ₁₀ H ₂₂ O	4-Decanol	18 e	37 e	61 e	93 e	139 e	210 e	5
C ₁₀ H ₂₂ O	Dipentyl ether	-31 e	-8 e	22 e	60 e	111.6	186.2	5
C ₁₀ H ₂₂ O	Diisopentyl ether			14.0	51.5	101.8	172.8	5
C ₁₀ H ₂₂ O ₂	Ethylene glycol dibutyl ether	0 e	20 e	44 e	78.4	127.1	202.9	5
C ₁₀ H ₂₂ O ₅	Tetraethylene glycol dimethyl ether				138 e	200.9	275.3	5
C ₁₀ H ₂₂ S	1-Decanethiol	11 e	34 e	64 e	103 e	157.5	238.6	5
C ₁₀ H ₂₂ S	Diisopentylsulfide			7 e	82 e	118 e	139 e	5
C ₁₀ H ₂₃ N	Dipentylamine				77 e	127.7	202.0	5
C ₁₀ H ₃₀ O ₃ Si ₄	Decamethyltetrasiloxane	-31 e	-6 e	26 e	66.8	118.8	193.9	5
C ₁₀ H ₃₀ O ₅ Si ₅	Decamethylcyclopentasiloxane	-2 e	19 e	46 e	82 e	132.9	210.4	5
C ₁₁ H ₈ O ₂	1-Naphthalenecarboxylic acid				191.9	239.3	299.6	5
C ₁₁ H ₈ O ₂	2-Naphthalenecarboxylic acid				197.9	246.0	308.1	5
C ₁₁ H ₁₀	1-Methylnaphthalene	5 e	29 e	60 e	102 e	159.1	244.1	1
C ₁₁ H ₁₀	2-Methylnaphthalene			57 e	99 e	156.0	240.5	1
C ₁₁ H ₁₂ O ₂	Ethyl <i>trans</i> -cinnamate			79	125	187	271	4
C ₁₁ H ₁₂ O ₃	Myristicin	23 e	53 e	88.9	135.2	196.0	279.4	5
C ₁₁ H ₁₄	4-Isopropylstyrene	-25 e	-1 e	30.2	70.3	124.5	202.1	5
C ₁₁ H ₁₄	1,2,3,4-Tetrahydro-5-methylnaphthalene	9 e	31 e	60 e	99 e	153.1	233.8	5
C ₁₁ H ₁₄	1,2,3,4-Tetrahydro-6-methylnaphthalene	17 e	36 e	62 e	97 e	147.8	228.5	5
C ₁₁ H ₁₄ O ₂	Butyl benzoate	6 e	34 e	67.9	110.3	165 e	237 e	5
C ₁₁ H ₁₆	Pentylbenzene	-14 e	8 e	37 e	74 e	126.7	204.9	5

Mol. form.	Name	Temperature in °C for the indicated pressure						Ref.
		1 Pa	10 Pa	100 Pa	1 kPa	10 kPa	100 kPa	
C ₁₁ H ₁₆	<i>p</i> - <i>tert</i> -Butyltoluene	-24 e	-2 e	27 e	64.1	115.5	190.8	5
C ₁₁ H ₁₆	1,3-Diethyl-5-methylbenzene	-26 e	-1 e	29.5	69.5	123.5	200.2	5
C ₁₁ H ₁₆	2-Ethyl-1,3,5-trimethylbenzene		6 e	36 e	75.7	129.6	207.6	5
C ₁₁ H ₁₆	1-Ethyl-2,4,5-trimethylbenzene	-13 e	11 e	40 e	79.4	132.1	207.7	5
C ₁₁ H ₂₀	1-Undecyne	-22 e	0 e	29 e	67 e	118.5	194.5	5
C ₁₁ H ₂₀	2-Undecyne	-17 e	6 e	35 e	74 e	127.4	205.4	5
C ₁₁ H ₂₀ O ₂	10-Undecenoic acid	35 e	67 e	105 e	150.0	205.4	274.5	5
C ₁₁ H ₂₀ O ₄	Ethyl diethylmalonate			74 e	105 e	149.4	219 e	5
C ₁₁ H ₂₁ N	Undecanenitrile			78.6	120.3	177.3	259.9	5
C ₁₁ H ₂₂	1-Undecene	-21.6	1.2	29.7	66.4	117.1	192.2	5
C ₁₁ H ₂₂	<i>cis</i> -2-Undecene	-14 e	7 e	34 e	70.2	120.6	196 e	5
C ₁₁ H ₂₂	<i>trans</i> -2-Undecene	-14 e	7 e	33 e	69.3	119.6	195 e	5
C ₁₁ H ₂₂	<i>cis</i> -4-Undecene	-19 e	3 e	30 e	66.6	117.1	192 e	5
C ₁₁ H ₂₂	<i>trans</i> -4-Undecene	-17 e	4 e	31 e	67.1	117.4	193 e	5
C ₁₁ H ₂₂	<i>cis</i> -5-Undecene	-19 e	2 e	30 e	66.2	116.7	191 e	5
C ₁₁ H ₂₂	<i>trans</i> -5-Undecene	-18 e	3 e	31 e	67.0	117.4	192 e	5
C ₁₁ H ₂₂	Pentylcyclohexane	-17 e	6 e	34 e	72 e	124.2	202.7	5
C ₁₁ H ₂₂	Hexylcyclopentane	-15 e	7 e	36 e	73 e	125.0	202.5	5
C ₁₁ H ₂₂ O	2-Undecanone	17 e	37 e	64.3	103.0	153.6	232.6	1,5
C ₁₁ H ₂₂ O	6-Undecanone		28 e	57 e	95 e	148.4	226.9	1
C ₁₁ H ₂₂ O ₂	Undecanoic acid	68 e	90 e	118 e	156 e	207.2	283.6	5
C ₁₁ H ₂₂ O ₂	Heptyl butanoate	2 e	29 e	62 e	102.6	155.1	224.7	5
C ₁₁ H ₂₂ O ₂	Propyl octanoate	-2 e	23 e	55 e	94.0	145.2	215 e	5
C ₁₁ H ₂₂ O ₂	Methyl decanoate	10 e	33 e	62 e	100.9	154.0	232 e	5
C ₁₁ H ₂₄	Undecane	-18.4	4.3	32.6	69.5	120.2	195.4	16
C ₁₁ H ₂₄	2-Methyldecane	-20 e	1 e	28 e	64 e	114.0	188.7	5
C ₁₁ H ₂₄	3-Methyldecane	-35 e	-10 e	22 e	61.9	115.6	190.4	5
C ₁₁ H ₂₄	4-Methyldecane	-38 e	-12 e	20 e	60.8	113.9	186.4	5
C ₁₁ H ₂₄	2,4,7-Trimethyloctane				43 e	94 e	170.4	5
C ₁₁ H ₂₄ O	1-Undecanol	52.2	80.0	82 e	118 e	167.6	244.1	5
C ₁₁ H ₂₄ S	1-Undecanethiol	23 e	47 e	77 e	118 e	173.6	256.8	5
C ₁₂ F ₂₇ N	Trinonafluorobutylamine		3 e	29.0	63.3	109.9	176.8	5
C ₁₂ H ₈	Acenaphthylene	24 s	49.8 s	80.6 s				5
C ₁₂ H ₉ N	Carbazole					254.7	354.0	5
C ₁₂ H ₁₀	Acenaphthene				126.2	187 e	276 e	1
C ₁₂ H ₁₀	Biphenyl			69.0	111.1	169.5	254.7	1
C ₁₂ H ₁₀ N ₂	Azobenzene			98.1	144.8	206.7	292.7	4
C ₁₂ H ₁₀ O	Diphenyl ether		44 e	75 e	116 e	173 e	257.4	5
C ₁₂ H ₁₀ O	1-Acetonaphthone	37 e	69 e	107.0	154.6	215.2	294.9	5
C ₁₂ H ₁₀ O	2-Acetonaphthone	48.3 s		118.7	163.0	221.1	300.3	5
C ₁₂ H ₁₀ S	Diphenyl sulfide	20 e	51 e	88.7	137.5	202.2	291.8	5
C ₁₂ H ₁₁ N	Diphenylamine	48 s		102.8	150.5	213.7	301.4	5
C ₁₂ H ₁₂	1-Ethyl-naphthalene	16 e	41 e	72 e	114 e	171.8	257.7	5
C ₁₂ H ₁₂	2-Ethyl-naphthalene	14 e	39 e	71 e	113 e	171.2	257.3	5
C ₁₂ H ₁₂	1,2-Dimethylnaphthalene	26 e	51 e	82 e	123 e	180.5	265.7	5
C ₁₂ H ₁₂	2,7-Dimethylnaphthalene	31.5 s	53.1 s	78.8 s	115.9	175 e	260 e	5
C ₁₂ H ₁₄ O ₄	Diethyl phthalate	12 e	51 e	96 e	150.5	215.9	296.2	5
C ₁₂ H ₁₆	<i>p</i> -Isopropenylisopropylbenzene	-11 e	15 e	46 e	87 e	142.4	221 e	5
C ₁₂ H ₁₆	Cyclohexylbenzene		28 e	58 e	98 e	154.7	239.5	5
C ₁₂ H ₁₆ O ₂	3-Methylbutyl benzoate			66 e	115.0	177.7	261.4	5
C ₁₂ H ₁₈	Hexylbenzene	-2 e	22 e	51 e	90 e	144.5	225.5	5
C ₁₂ H ₁₈	1,2-Diisopropylbenzene	-14 e	9 e	37 e	74 e	125.9	203.2	5
C ₁₂ H ₁₈	1,3-Diisopropylbenzene	-14 e	8 e	36 e	74 e	125.5	202.6	5
C ₁₂ H ₁₈	1,4-Diisopropylbenzene	-6 e	18 e	49 e	90 e	148.8	238 e	5
C ₁₂ H ₁₈	Hexamethylbenzene	46.3 s	72.5 s	81.7 s	121.8 s	178.3	263.7	5
C ₁₂ H ₁₈	1,5,9-Cyclododecatriene	-14 e	11 e	44 e	87 e	145.0	229.8	5
C ₁₂ H ₂₀ O ₂	Geranyl acetate			67.7	110.8	166.9	242.9	5
C ₁₂ H ₂₀ O ₄	Dibutyl maleate	12.3	50.4	94.0	144.2	203 e	272 e	5
C ₁₂ H ₂₂	1-Dodecyne	-11 e	13 e	43 e	82 e	135.8	214.4	5
C ₁₂ H ₂₂	Cyclohexylcyclohexane		20 e	53.1	96.0	154.1	237.2	5

Mol. form.	Name	Temperature in °C for the indicated pressure						Ref.
		1 Pa	10 Pa	100 Pa	1 kPa	10 kPa	100 kPa	
C ₁₂ H ₂₂ O ₂	Methyl 10-undecenoate	10 e	38 e	73 e	116 e	172.2	247.1	5
C ₁₂ H ₂₂ O ₄	Dimethyl sebacate		53 e	97	150	214	293	4
C ₁₂ H ₂₃ N	Dodecanenitrile	36 e	60 e	92 e	133 e	190.5	275.5	5
C ₁₂ H ₂₄	1-Dodecene	-8.3	15.2	44.8	82.9	135.4	212.8	5
C ₁₂ H ₂₄	Hexylcyclohexane	-3 e	20 e	50 e	89 e	143.1	224.2	5
C ₁₂ H ₂₄	Heptylcyclopentane	-1 e	22 e	51 e	90 e	143.5	223.5	5
C ₁₂ H ₂₄ O	Dodecanal			70 e	116.2	175.9	256.6	5
C ₁₂ H ₂₄ O ₂	Dodecanoic acid	78 e	100 e	128 e	166 e	219.1	298.1	5
C ₁₂ H ₂₄ O ₂	Decyl acetate	12 e	40 e	74 e	115.1	168.1	238 e	5
C ₁₂ H ₂₄ O ₂	Ethyl decanoate	8 e	35 e	69 e	111.8	166.1	238 e	5
C ₁₂ H ₂₅ Br	1-Bromododecane	31 e	57 e	90 e	132 e	190.8	275.3	5
C ₁₂ H ₂₅ Cl	1-Chlorododecane	27 e	51 e	81 e	122 e	178.7	262.6	5
C ₁₂ H ₂₆	Dodecane	-5.4	18.2	47.6	85.8	138.2	215.8	16
C ₁₂ H ₂₆ O	1-Dodecanol				133 e	185.0	264.1	1
C ₁₂ H ₂₆ O ₃	Diethylene glycol dibutyl ether	5 e	34.4	70.2	115.3	174.1	253.8	5
C ₁₂ H ₂₇ N	Tributylamine	-26 e	1 e	35 e	77.7	134.5	213.4	5
C ₁₂ H ₂₇ N	Triisobutylamine		1 e	28.9	64.9	112.5	178.5	5
C ₁₂ H ₂₇ O ₄ P	Tributyl phosphate					205 e	288.3	5
C ₁₂ H ₃₆ O ₅ Si ₆	Dodecamethylcyclohexasiloxane	18 e	41 e	69 e	108 e	162.2	244.7	5
C ₁₃ H ₉ N	Acridine			124.4	176.2	246.0	345.4	5
C ₁₃ H ₉ N	Phenanthridine	79 s						5
C ₁₃ H ₁₀	Fluorene	48.4 s			137.4	205.4	295 e	5
C ₁₃ H ₁₀ O ₂	Phenyl benzoate			102.3	151.4	217.9	313.3	5
C ₁₃ H ₁₀ O ₃	Phenyl salicylate				166.0	224.8	312.4	5
C ₁₃ H ₁₂	Diphenylmethane		45 e	77 e	119.3	177.7	263.6	1,5
C ₁₃ H ₁₃ N	Methyldiphenylamine	35 e	63 e	98.4	143.1	201.6	281.6	5
C ₁₃ H ₁₄	1-Isopropylnaphthalene	27 e	51 e	82 e	123.2	180.8	267.3	5
C ₁₃ H ₂₀	Heptylbenzene	12 e	36 e	66 e	107 e	162.7	246.2	5
C ₁₃ H ₂₄ O ₂	Ethyl 10-undecenoate	32 e	55 e	86 e	125.2	179.5	258.4	5
C ₁₃ H ₂₆	1-Tridecene	4.1	28.5	59.0	98.3	152.5	232.3	5
C ₁₃ H ₂₆	Heptylcyclohexane	11 e	34 e	65 e	105 e	160.9	244.3	5
C ₁₃ H ₂₆	Octylcyclopentane	13 e	36 e	66 e	106 e	160.9	243.1	5
C ₁₃ H ₂₆ O ₂	Tridecanoic acid	87 e	109 e	138 e	176 e	230.3	311.5	5
C ₁₃ H ₂₆ O ₂	Methyl dodecanoate	38 e	61 e	90 e	130 e	184.9	269 e	5
C ₁₃ H ₂₈	Tridecane	7.2	31.5	61.8	101.1	155.1	234.9	16
C ₁₃ H ₂₈ O	1-Tridecanol	71.6	101.0	103 e	140 e	192.3	273.1	5
C ₁₄ H ₁₀	Anthracene	89.2 s	125.9 s	151.5 s	165 s	238.8	340.2	1,5
C ₁₄ H ₁₀	Phenanthrene	53 s	83 s	120.8	170.4	238.4	337.7	5
C ₁₄ H ₁₀ O ₂	Benzil			123	175	246	346	4
C ₁₄ H ₁₂	<i>cis</i> -Stilbene	26 e	54 e	88 e	130.4	183 e	253 e	5
C ₁₄ H ₁₂	<i>trans</i> -Stilbene				155.6	218.1	305.8	5
C ₁₄ H ₁₂ O ₂	Benzoin				181	248	342	4
C ₁₄ H ₁₄	1,1-Diphenylethane	19 e	47 e	82.0	125.3	181 e	254 e	5
C ₁₄ H ₁₅ N	Dibenzylamine	48 e	77 e	113.1	158.9	218.5	299.4	5
C ₁₄ H ₁₆	1-Butylnaphthalene	67 e	82 e	103 e	135 e	186.7	288.6	5
C ₁₄ H ₁₆	2-Butylnaphthalene	44 e	67 e	98 e	139 e	197.5	287.4	5
C ₁₄ H ₂₂	Octylbenzene	20.1	46.2	79.1	121.9	178.1	263.8	5
C ₁₄ H ₂₆ O ₄	Diethyl sebacate		83 e	120	166	225	305	4
C ₁₄ H ₂₇ N	Tetradecanenitrile	52 e	79 e	114.0	159.0	219.7	306.3	5
C ₁₄ H ₂₈	1-Tetradecene	16.1	41.3	72.7	113.2	168.7	250.6	5
C ₁₄ H ₂₈	Octylcyclohexane	16.9	44.3	77.8	120.0	177.6	263.2	5
C ₁₄ H ₂₈	Nonylcyclopentane	25 e	49 e	80 e	120 e	177.2	261.5	5
C ₁₄ H ₂₈ O ₂	Tetradecanoic acid	96 e	118 e	147 e	186 e	241.3	325.6	5
C ₁₄ H ₃₀	Tetradecane	19.1	44.1	75.3	115.7	171.1	253.0	16
C ₁₄ H ₃₀ O	1-Tetradecanol	80.0	110.5	149.6	152 e	205.3	286.7	5
C ₁₄ H ₃₁ N	Tetradecylamine			104 e	147 e	206.1	290.9	5
C ₁₄ H ₄₂ O ₅ Si ₆	Tetradecamethylhexasiloxane	6 e	36 e	72 e	117 e	176.0	259.1	5
C ₁₅ H ₁₈	1-Pentylnaphthalene	34 e	62 e	96 e	141.3	202.2	289 e	5
C ₁₅ H ₂₄	Nonylbenzene	33.0	58.9	92.0	135.4	193.7	281.4	5
C ₁₅ H ₃₀	Nonylcyclohexane	35 e	60 e	92 e	134 e	193.4	280.9	5

Mol. form.	Name	Temperature in °C for the indicated pressure						Ref.
		1 Pa	10 Pa	100 Pa	1 kPa	10 kPa	100 kPa	
C ₁₅ H ₃₀	Decylcyclopentane	37 e	61 e	93 e	134 e	192.5	278.8	5
C ₁₅ H ₃₀ O ₂	Methyl tetradecanoate		75 e	110	155	214	295	4
C ₁₅ H ₃₂	Pentadecane	30.5	56.1	88.1	129.6	186.3	270.1	16
C ₁₆ H ₂₂ O ₄	Dibutyl phthalate		104.0	142.7	191.5	254.5	339.4	4
C ₁₆ H ₃₂	1-Hexadecene	38.4	65.0	98.1	140.5	198.8	284.3	5
C ₁₆ H ₃₂ O ₂	Hexadecanoic acid		136 e	165 e	205 e	261.9	350.2	5
C ₁₆ H ₃₄	Hexadecane	41.1	67.4	100.3	142.7	200.7	286.3	16
C ₁₆ H ₃₄ O	1-Hexadecanol	99.5	130.6	171.9	175 e	229.0	311.7	5
C ₁₆ H ₃₅ N	Hexadecylamine	63 e	91 e	126 e	171 e	232.6	320.5	5
C ₁₇ H ₁₀ O	Benzanthrone		184 e	229.3	290.3	377.2	511 e	5
C ₁₇ H ₃₄ O ₂	Methyl hexadecanoate	65 e	93	129	177			4
C ₁₇ H ₃₆	Heptadecane	51.5	78.5	112.0	155.3	214.5	302 e	16
C ₁₇ H ₃₆ O	1-Heptadecanol	94 e	117 e	146 e	185 e	240.1	323.3	5
C ₁₈ H ₁₄	<i>o</i> -Terphenyl	66 e	94 e	129 e	176 e	241.3	336.3	5
C ₁₈ H ₁₄	<i>m</i> -Terphenyl	87 e	118 e	156 e	206.6	275.3	374.6	5
C ₁₈ H ₁₄	<i>p</i> -Terphenyl	127.1 s	154.7 s		217.2	284.0	383.0	5
C ₁₈ H ₃₀	Hexaethylbenzene				144.1	206.8	297.5	5
C ₁₈ H ₃₄ O ₂	Oleic acid	94 e	126 e	165.5	214.5	277.0	359.7	5
C ₁₈ H ₃₄ O ₂	Elaidic acid		124 e	166	216	280	361	4
C ₁₈ H ₃₆ O	Stearaldehyde			142 e	186 e	246.9	336.7	5
C ₁₈ H ₃₆ O ₂	Stearic acid		153 e	183 e	223 e	281.6	374.5	5
C ₁₈ H ₃₈	Octadecane	61.5	89.0	123.1	167.3	227.6	316 e	16
C ₁₈ H ₃₈ O	1-Octadecanol	106 e	130 e	160 e	200.5	257.3	343.0	5
C ₁₉ H ₁₆	Triphenylmethane	81 s		112 e	175 e	254.6	360.0	5
C ₁₉ H ₃₆ O ₂	Methyl oleate	85 e	114 e	149.7	195.6	256 e	340 e	5
C ₁₉ H ₄₀	Nonadecane	71.1	99.1	133.8	178.8	240.1	330 e	16
C ₂₀ H ₄₂	Eicosane	80.4	108.9	144.2	189.8	252.1	344 e	16
C ₂₀ H ₄₂ O	1-Eicosanol	119 e	143 e	173 e	213 e	270.0	355.1	5
C ₂₀ H ₆₀ O ₈ Si ₉	Eicosamethylnonasiloxane			141 e	183.1	236.7	307.1	5
C ₂₁ H ₂₁ O ₄ P	Tri- <i>o</i> -cresyl phosphate	119.0	156.1	201.0	256.3	326.3	418 e	5
C ₂₁ H ₂₁ O ₄ P	Tri- <i>m</i> -cresyl phosphate	147.8	177.3	211.4	251.3	298 e	355 e	5
C ₂₁ H ₂₁ O ₄ P	Tri- <i>p</i> -cresyl phosphate	140.6	174 e	214 e	262 e	320 e	392 e	5
C ₂₁ H ₄₄	Heneicosane	82.3	113.5	152.2	201.6	263.8	355.9	5
C ₂₂ H ₄₂ O ₂	Brassicic acid	134 e	166 e	203.6	249.8	307.6	382.0	5
C ₂₂ H ₄₂ O ₂	Erucic acid	126 e	160 e	199.4	247.4	306.5	381.1	5
C ₂₂ H ₄₂ O ₂	Butyl oleate	95.5	124.2	158 e	198 e	245 e	304 e	5
C ₂₂ H ₄₄ O ₂	Behenic acid	145.4	176.5	213.7	259.3	316.2	390 e	5
C ₂₂ H ₄₄ O ₂	Butyl stearate	99.6	128 e	162 e	201 e	249 e	307 e	5
C ₂₂ H ₄₆	Docosane	83.5	115.0	154.0	203.6	274.8	368.0	5
C ₂₃ H ₄₈	Tricosane	102.9	135.1	174.8	221 e	285.3	379.5	5
C ₂₄ H ₃₈ O ₄	Diocetyl phthalate	130 e	163.7	203.8	252 e	311 e	385 e	5
C ₂₄ H ₃₈ O ₄	Bis(2-ethylhexyl) phthalate	122.0	153.2	189.2	231.3	281.1	341.1	5
C ₂₄ H ₅₀	Tetracosane	115.0	148.1	188.5	239.1	295.4	390.6	5
C ₂₅ H ₅₂	Pentacosane	119.7	152.7	193.2	244.4	305.0	401.1	5
C ₂₆ H ₅₄	Hexacosane	125.1	158.8	200.1	252.1	314.3	411.3	5
C ₂₇ H ₅₆	Heptacosane	136.7	168.8	206.5	255.8	323.3	421.2	5
C ₂₈ H ₅₈	Octacosane	136.5	169.8	210.9	263.1	332.0	430.6	5
C ₂₉ H ₆₀	Nonacosane	148.2	182.8	221.2	271.5	340.2	439.7	5
C ₃₀ H ₆₂	Squalane	66 e	84 e	105.8	131.9	163.7	203.2	5
C ₇₀	Carbon (fullerene-C ₇₀)	598 s	662 s					22