

4.2 Halogen Containing Organic Compounds, C₂

Phase	Antoine constants			T-range [K]	Range [K], Rating	T _b [K]/P _b [kPa]	Ref. Note
	A, (n)	B [K], (E)	C [K], (F)				
243	C₂AsClF₆		Chlorobis(trifluoromethyl)arsine				359-53-5
l-g	7.33345	1705.61	1.9	208/295	202/303 C		84-dykrep
244	C₂BrClF₃O₄		1,2,2-Trifluoro-1-chloro-2-bromoethyl perchlorate				900001-86-7
l-g	7.72172	2217.9	0	273/294	271/296 D		84-dykrep
245	C₂BrCl₃O		Trichloroacetyl bromide				34069-94-8
l-g	6.31204	1613.22	-41.51	265/416	255/426 C		79-dykrep
246	C₂BrCl₅		Bromopentachloroethane				79504-02-2
l-g	6.4549	2320	0	383/433	375/440 D		94-trcnh
247	C₂BrF₃		Bromotrifluoroethylene				598-73-2
l-g	6.8476	1308.04	0	260/340	250/350 C		87-trcsp
248	C₂BrF₅		Bromopentafluoroethane				354-55-2
l-g	6.556	1147.3	0	200/255	180/275 D		94-trcnh
249	C₂BrF₅Se		(Pentafluoroethane)selenenylbromide				6123-59-7
l-g	7.385	1800	0	242/293	242/293 D		84-dykrep
250	C₂BrF₉S		(1-Bromo-1,2,2,2-tetrafluoroethyl)pentafluorosulfur				63011-81-4
l-g	6.8569	1603	0	294/330	294/330 D		84-dykrep
251	C₂Br₂ClF₃		1,2-Dibromochlorotrifluoroethane				354-51-8
l-g	5.84523	1166.348	-63.28	280/385	265/395 B		94-trcnh
252	C₂Br₂Cl₂F₂		1,2-Dibromo-1,1-dichlorodifluoroethane				558-57-6
l-g	6.94	2033.1	0	320/418	305/440 D		94-trcnh
253	C₂Br₂Cl₂F₂		1,2-Dibromo-1,2-dichlorodifluoroethane				421-69-2
l-g	6.94	2037.6	0	320/420	305/440 C		94-trcnh
254	C₂Br₂Cl₄		1,2-Dibromotetrachloroethane				630-25-1
cr-g	7.305	2740	0	283/453	383/453 D	434.58/10	49-higend Note 2
255	C₂Br₂F₄		1,2-Dibromo-1,1,2,2-tetrafluoroethane				124-73-2
l-g	5.91890	1065.061	-48.185	298/483	298/332 B	320.36/101.325	81-majsvo, 85-pasvar, 73-shebuz
l-g	6.26590	1292.010	-16.865	330/483	330/483 B	412.47/1000	73-grushe, 85-pasvar, 73-shebuz
256	C₂Br₃F₃		1,1,1-Tribromo-2,2,2-trifluoroethane				354-48-3
l-g	6.977	1922.3	0	300/390	285/415 C		94-trcnh
257	C₂Br₄		Tetrabromoethylene				79-28-7
cr-g	9.52568	2840.060	28.082	220/310	220/325 B	305.04/10	50-bre
258	C₂ClF₃		Chlorotrifluoroethylene				79-38-9
l-g	6.06971	866.765	-31.513	206/263	206/263 A	244.79/101.325	51-oligri-1
l-g	6.84147	1363.275	42.357	295/374	295/380 B	312.53/1000	35-booswi, 51-oligri-1

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	A, (n)	B [K], (E)	C [K], (F)				
259	C₂ClF₃O₂		Trifluoromethyl chloroformate				23213-83-4
l-g	5.62844	849.32	−45.93	195/273	185/283 C		84-dykrep
260	C₂ClF₃O₄S		Difluorochloroacetic fluorosulfonic anhydride				6069-32-5
l-g	6.42722	1293.44	−59.04	265/352	255/362 C		84-dykrep
261	C₂ClF₅		Chloropentafluoroethane				76-15-3
l-g	5.93652	795.212	−31.78	178/236	173.7/240 B	234.03/101.325	95-trcnh
l-g	5.93652 (0.434294)	795.212 (82.65)	−31.78 (−1205.4)	253/348	240/353.1 B		95-trcnh
262	C₂ClF₅O		Hypochlorous acid, pentafluoroethyl ester				22675-67-8
l-g	5.87822	855.5	−44.04	193/248	183/258 C		84-dykrep
263	C₂ClF₅OS		Pentafluoroethanesulfinyl chloride				39937-08-1
l-g	7.0989	1707.4	0	273/338	273/338 D		84-dykrep
264	C₂ClF₅O₄		Perchloric acid, pentafluoroethyl ester				53011-52-2
l-g	6.7605	1430.8	0	293/353	283/363 C		84-dykrep
265	C₂ClF₅O₆S₂		1,2,2-Trifluoro-1-chloro-1,2-bis(fluorosulfato)ethane				1957-17-1
l-g	4.25414	490.93	−186.55	308/406	298/416 C		84-dykrep
266	C₂ClF₅Se		(Pentafluoroethane)selenenyl-chloride				6123-50-8
l-g	6.905	1580	0	215/289	215/289 D		84-dykrep
267	C₂ClF₉S		Chlorotetrafluoro(pentafluoroethyl)sulfur				42769-85-7
l-g	6.625	1497	0	293/353	293/353 D		84-dykrep
268	C₂ClF₉S		Pentafluoro(1,1,2,2-tetrafluoro-2-chloroethyl)sulfur				646-63-9
l-g	6.6189	1479	0	293/353	293/353 D		84-dykrep
269	C₂ClFN₂		cis-Chloro(fluoroimino)acetonitrile				30915-40-3
l-g	6.63272	1358.26	−25.452	254/320	244/330 C		84-dykrep
270	C₂ClFN₂		trans-Chloro(fluoroimino) acetonitrile				30915-39-0
l-g	6.54215	1278.81	−36.658	257/320	247/330 C		84-dykrep
271	C₂Cl₂F₂		1,1-Dichloro-2,2-difluoroethene				79-35-4
l-g	6.95857	2402.737	−31.426	338/517	338/517 B	516.55/101.325	47-stu
272	C₂Cl₂F₂		1,2-Dichloro-1,2-difluoroethene				598-88-9
l-g	6.19493	1055.972	−41.856	191/295	190/300 B	293.93/101.325	47-stu
273	C₂Cl₂F₂N₂		Dichloro(difluoroamino) acetonitrile				30913-21-4
l-g	8.77118	3177.19	128.005	238/341	238/341 D		84-dykrep
274	C₂Cl₂F₂O		Dichlorofluoroacetyl fluoride				354-18-7
l-g	5.91713	1297.37	17.46	208/273	208/273 C		84-dykrep
275	C₂Cl₂F₃NOS		S,S-Dichloro-N-(trifluoroacetyl)sulfilimine				24433-67-8
l-g	7.6579	2309	0	306/333	306/339 D		79-dykrep
276	C₂Cl₂F₃NO₂S		(Trifluoromethyl)sulfonyl carbonimidic dichloride				51587-33-8
l-g	7.02514	1878.75	−31.617	312/405	302/415 C		84-dykrep

Phase	Antoine constants			T-range [K]	Range [K], Rating	T _b [K]/P _b [kPa]	Ref. Note
	A, (n)	B [K], (E)	C [K], (F)				
277	C₂Cl₂F₄		1,1-Dichloro-1,2,2,2-tetrafluoroethane				374-07-2
l-g	5.83243	875.938	−47.69	220/298	216.6/283 B	276.17/101.325	95-trcnh
l-g	5.83243 (0.434294)	875.938 (700.0)	−47.69 (−66758.)	298/418	283/418.7 B		95-trcnh
278	C₂Cl₂F₄		1,2-Dichloro-1,1,2,2-tetrafluoroethane				76-14-2
l-g	5.93549	930.734	−39.74	210/298	195/285 B	276.69/101.325	95-trcnh
l-g	5.93549 (0.434294)	930.734 (849.6)	−39.74 (−57942)	298/418	285/418.9 B		95-trcnh
279	C₂Cl₂F₄O₄		1,1,2,2-Tetrafluoro-2-chloroethyl perchlorate				38126-28-2
l-g	5.75529	1088.51	−55.73	249/294	239/304 C		84-dykrep
280	C₂Cl₂F₃NS		S,S-Dichloro-N-(pentafluoroethyl)sulfilimine				10564-48-4
l-g	7.1559	1956	0	297/375	297/375 D		79-dykrep
281	C₂Cl₃F₃		1,1,1-Trichloro-2,2,2-trifluoroethane				354-58-5
l-g	6.52348	1384.51	−12.15	288/325	287/345 B	319.03/101.325	95-trcnh
282	C₂Cl₃F₃		1,1,2-Trichloro-1,2,2-trifluoroethane				76-13-1
l-g	6.00134	1107.719	−43.51	238/325	236.5/328 B	320.75/101.325	95-trcnh
l-g	6.00134 (0.434294)	1107.719 (69.65)	−43.51 (−2236.1)	345/487	328/487.4 B		95-trcnh
283	C₂Cl₃F₃O₄		1,2,2-Trifluoro-1,2-dichloroethyl perchlorate				38126-27-1
l-g	5.26945	1405.23	0	273/296	273/296 D		84-dykrep
284	C₂Cl₃N		Cyanotrichloromethane				545-06-2
l-g	6.3084	1368.27	−40.64	290/356	280/366 B		73-czas
285	C₂Cl₄		Tetrachloroethene				127-18-4
l-g	6.11547	1394.842	−54.787	310/393	310/395 B	394.18/101.325	72-bouaim
286	C₂Cl₄F₂		1,1,2,2-Tetrachloro-1,2difluoroethane				76-12-0
cr-g	6.99211	1818.991	0	258/299	258/300 C	260.15/1	89-svoada
l-g	6.09885	1315.436	−44.597	312/362	312/365 B	365.97/101.325	76-varbul
287	C₂Cl₄F₂		1,2,2,2-Tetrachloro-1,1-difluoroethane				76-11-9
cr-g	6.15809	1381.456	−33.072	260/313	260/313 C	342.88/50	89-svoada
l-g	6.59743	1684.339	0	323/344	323/345 A	343.85/50	89-svoada
288	C₂Cl₄F₂O₄		1,2-Difluoro-1,1,2-trichloroethyl perchlorate				38126-29-3
l-g	5.20493	1578.53	0	273/294	273/294 D		84-dykrep
289	C₂Cl₄F₆OS		Pentafluoro(2-fluoro-1,1,2,2-tetrachloroethoxy)sulfur				762-90-3
l-g	5.71413	1229.94	−84.72	314/418	304/428 C		84-dykrep
290	C₂Cl₄O		Tetrachloroxirane				16650-10-5
l-g	5.39815	996.8	−90.49	308/348	298/358 C		84-dykrep
291	C₂Cl₄O		Trichloroacetyl chloride				76-02-8
l-g	6.10932	1386.68	−53.45	305/393	295/403 B		79-dykrep
292	C₂Cl₄Si		Trichloro(chloroethynyl)silane				29442-46-4
l-g	3.03838	374.67	−159.86	253/295	243/305 C		84-dykrep
293	C₂Cl₅F		Pentachlorofluoroethane				354-56-3
l-g	5.348	962.39	−123.15	314/439	304/449 B	411.05/101.325	95-trcnh

Phase	Antoine constants			T-range [K]	Range [K], Rating	T _b [K]/P _b [kPa]	Ref. Note
	A, (n)	B [K], (E)	C [K], (F)				
294	C₂Cl₆		Hexachloroethane				67-72-1
cr-g	4.572	869.3	−150.75	281/354	271/354 C	457.75/101.325	77-trcnh
cr-g	7.4231	2345.5	−24.85	354/460	354/459.9 C		73-trcnh
l-g	5.0016	842.3	−176.35	464/488	459.9/498 B		73-trcnh
295	C₂FNO₂		Fluorocarbonyl isocyanate				15435-14-0
l-g	7.82	1750	0	228/264	228/264 D		79-dykrep
296	C₂F₂N₄O₈		1,2-Difluoro-1,1,2,2-tetranitroethane				20165-39-3
l-g	10.625	3280.4	0	297/323	295/325 D		84-dykrep
297	C₂F₂O₂		Ethanedioyl difluoride				359-40-0
cr-g	8.45156	1340.93	−59.27	234/260	230/261 B		79-dykrep
l-g	4.93276	409.55	−130.21	264/272	261/274 B		79-dykrep
298	C₂F₃N		Trifluoroacetonitrile				353-85-5
l-g	6.25249	773.815	−23.233	142/205	132/215 B		73-czas
299	C₂F₃NO		Trifluoromethyl isocyanate				460-49-1
l-g	6.963	1176	0	195/228	191/234 D		79-dykrep
300	C₂F₃NO		Trifluoronitrosoethylene				2713-04-4
l-g	7.3764	1340	0	247/250	246/251 D		79-dykrep
301	C₂F₃NOS		Trifluoromethanesulfonyl isocyanate				691-03-2
l-g	6.8659	1458	0	231/293	231/293 D		87-trcsp
302	C₂F₃NO₂S		2,2,2-Trifluoro-N-sulfinylacetamide				26454-68-2
l-g	7.46314	1902.73	0	267/302	267/302 D		84-dykrep
303	C₂F₃NO₂S₂		Trifluoromethanesulfonyl isothiocyanate				51587-30-5
l-g	6.7678	1655.07	−37.606	297/385	287/395 C		84-dykrep
304	C₂F₃NO₃S		Trifluoromethanesulfonyl isocyanate				30227-06-6
l-g	6.84387	1511.12	−33.004	275/345	265/355 C		84-dykrep
305	C₂F₃NS		Trifluoromethyl thiocyanate				690-24-4
l-g	7.5199	1704	0	226/294	206/294 D		87-trcsp
306	C₂F₃N₃O₆		1,1,2-Trifluoro-1,2,2-trinitroethane				20165-38-2
l-g	9.525	3016.3	0	313/353	313/353 D		84-dykrep
307	C₂F₄		Tetrafluoroethylene				116-14-3
l-g	6.03036	686.639	−26.920	142/209	140/210 B	197.53/101.325	53-furmcc-1
308	C₂F₄N₂		(Difluoroamino)difluoroacetonitrile				5131-88-4
l-g	6.6461	1018.9	−21.35	193/238	183/248 C		79-dykrep
309	C₂F₄N₂O₃		1,1,2,2-Tetrafluoro-1-nitro-2-nitrosoethane				679-08-3
l-g	7.0579	1503	0	233/293	233/293 D		79-dykrep
310	C₂F₄N₂O₄		1,1,2,2-Tetrafluoro-1,2-dinitroethane				356-16-1
l-g	6.52062	1324.2	−39.73	259/333	249/343 C		79-dykrep
311	C₂F₄N₂O₆S₂		1,2-Bis(fluoroformyl)-1,2-bis(fluorosulfonyl)hydrazine				19252-50-7
l-g	8.77183	2599.06	0	273/296	269/302 D		84-dykrep
312	C₂F₄O		Trifluoroacetyl fluoride				354-34-7
l-g	6.23413	770.92	−31.76	161/215	151/225 B		79-dykrep

Phase	Antoine constants			T-range [K]	Range [K], Rating	T _b [K]/P _b [kPa]	Ref. Note
	A, (n)	B [K], (E)	C [K], (F)				
313	C₂F₄O₂S		Trifluoroethene-sulfonyl fluoride				684-10-6
l-g	2.4029	1412	0	270/313	260/323 D		84-dykrep
314	C₂F₄O₃		Trifluoromethyl fluoroperoxy-methanoate				16118-40-4
l-g	7.5341	1423.8	0	194/249	184/259 C		79-dykrep
315	C₂F₄O₄S		Trifluoroacetyl fluorosulfate				5762-53-8
l-g	6.43081	1184.3	-51.73	262/321	252/331 C		79-dykrep
316	C₂F₄S₂		2,2,4,4-Tetrafluoro-1,3-dithietane				1717-50-6
l-g	6.7649	1524	0	293/353	293/353 D		84-dykrep
317	C₂F₅I		Pentafluoroiodoethane				354-64-3
l-g	3.29276	158.974	-161.974	248/287	248/290 C	285.49/101.325	49-emehas
318	C₂F₅NO		Pentafluoronitroso-ethane				354-72-3
l-g	6.8149	1094	0	193/227	193/227 D		79-dykrep
319	C₂F₅NOS		S,S-Difluoro-N-(trifluoroacetyl)-sulfilimine				24433-65-6
l-g	7.3899	1798	0	240/282	240/282 D		79-dykrep
320	C₂F₅NOS		1,1,2,2,2-Pentafluoro-N-sulfinylethanamine				10564-50-8
l-g	6.7679	1516	0	245/303	245/303 D		79-dykrep
321	C₂F₅NOS		1,1,1-Trifluoro-N-(fluoroformyl)-methanesulfinimidyl fluoride				28103-61-9
l-g	7.8449	2033	0	276/323	276/323 D		84-dykrep
322	C₂F₅NO₄S		(Fluorosulfonyl)-(trifluoromethoxy)-carbamoyl fluoride				19252-49-4
l-g	6.3557	1582.3	0	277/290	275/292 D		79-dykrep
323	C₂F₅N₃O₃		Fluoro(1,1,2,2-tetrafluoro-2-nitroethyl)-2-oxidediimide				755-68-0
l-g	5.97425	1115.5	-67.84	257/350	247/360 C		84-dykrep
324	C₂F₆		Hexafluoroethane				76-16-4
cr-g	3.5363	177.66	-91.53	146/171	136/173.05 C	194.87/101.325	96-trcnh
cr-g	5.68388	572.733	-39.5	176/200	173.05/208 C		96-trcnh
l-g	5.68388 (0.434294)	572.733 (156.827)	-39.5 (-7370.8)	213/293	208/293.04 B		96-trcnh
325	C₂F₆HgS₂		Bis(trifluoromethyl-thio)mercury				900001-62-9
l-g	7.95591	2760.59	10.7	353/423	353/423 C		84-dykrep
326	C₂F₆IN		N-Iodo-bis(trifluoromethyl)-amine				5764-87-4
l-g	6.525	1490	0	261/318	261/318 D		79-dykrep
327	C₂F₆N₂		Perfluoroazomethane				372-63-4
l-g	6.9569	1196	0	205/242	205/242 D		79-dykrep
328	C₂F₆N₂O₂		N-Nitroso-O,N-bis(trifluoromethyl)-hydroxylamine				367-54-4
l-g	6.7009	1329.1	0	272/283	270/285 C		79-dykrep
329	C₂F₆N₂O₂		1,1,1-Trifluoro-N-(nitrosooxy)-N-(trifluoromethyl)-methanamine				359-75-1
l-g	6.8409	1399	0	245/285	245/285 D		84-dykrep
330	C₂F₆OS		Bis(trifluoromethyl)-sulfoxide				30341-37-8
l-g	6.717	1456	0	248/303	248/303 D		79-dykrep
331	C₂F₆OS		Pentafluoroethane-sulfinyl fluoride				20621-31-2
l-g	6.78405	1356.1	-10.19	234/293	224/303 C		79-dykrep

Phase	Antoine constants			<i>T</i> -range [K]	Range [K], Rating	<i>T_b</i> [K]/ <i>P_b</i> [kPa]	Ref. Note
	<i>A</i> , (<i>n</i>)	<i>B</i> [K], (<i>E</i>)	<i>C</i> [K], (<i>F</i>)				
332	C₂F₆OS₂		<i>S</i>-Trifluoromethyl-(trifluoromethyl)-thiosulfinate				63548-94-7
l-g	6.6711	1605.98	0	293/353	288/363 C		84-dykrep
333	C₂F₆O₃		<i>Bis</i>(trifluoromethyl)-trioxide				1718-18-9
l-g	7.84062	1712.43	37.41	193/248	183/258 C		84-dykrep
334	C₂F₆O₃S		Trifluoromethyl trifluoromethane-sulfonate				3582-05-6
l-g	5.68419	842.25	−65.5	238/294	228/304 C		84-dykrep
335	C₂F₆O₆S₂		Fluorosulfuric acid, tetrafluoroethylene ester				1479-53-4
l-g	5.2494	820.64	−123.7	295/378	285/388 C		79-dykrep
336	C₂F₇N		Perfluorodimethylamine				359-62-6
l-g	6.1249	972.7	0	203/233	199/239 C		79-dykrep
337	C₂F₇N		Perfluoroethanamine				354-80-3
l-g	6.56	1088	0	171/236	171/236 D		79-dykrep
338	C₂F₇NO₃S		Tetrafluoro-2-(difluoroamino)ethyl fluorosulfonate				4188-34-5
l-g	7	1625	0	276/326	276/326 D		79-dykrep
339	C₂F₈OS		Difluoroxobis-(trifluoromethyl)sulfur				33716-15-3
l-g	6.85227	1771	65.76	239/299	239/299 D		84-dykrep
340	C₂F₈O₃S		Pentafluoro(trifluoro-ethaneperoxoato)-sulfur				60672-61-9
l-g	6.5996	1465.3	0	293/353	288/360 C		84-dykrep
341	C₂F₈S		Difluorobis(trifluoro-methyl)sulfur				30341-38-9
l-g	7.125	1507	0	293/353	293/353 D		84-dykrep
342	C₂F₈S		Pentafluoro(trifluoro-vinyl)sulfur				1186-51-2
l-g	6.485	1310	0	293/353	293/353 D		84-dykrep
343	C₂F₁₀OS		Pentafluoro(penta-fluorethoxy)sulfur				900001-56-6
l-g	5.98633	938.91	−52.27	245/287	235/297 C		84-dykrep
344	C₂F₁₀O₂S		Tetrafluorobis-(trifluoromethoxy)-sulfur				2004-38-8
l-g	6.03015	1014.52	−50.32	246/302	236/312 C		84-dykrep
345	C₂F₁₀O₃S₂		Pentafluoro[1,2,2,2-tetrafluoro-1-[(fluorosulfonyl)oxy]-ethyl]sulfur				68010-32-2
l-g	7.105	1819	0	293/353	293/353 D		84-dykrep
346	C₂F₁₀S		<i>trans</i>-Tetrafluorobis-(trifluoromethyl)sulfur				42179-02-2
l-g	6.1519	1217.6	0	233/293	233/293 D		84-dykrep
347	C₂F₁₁NS		[<i>Bis</i>(trifluoromethyl)-amino]sulfur pentafluoride				13888-13-6
l-g	6.995	1530	0	233/306	233/306 D		79-dykrep
348	C₂F₁₄S₂		Octafluorobis-(trifluoromethyl)-disulfur				1580-11-6
l-g	6.945	1792	0	293/353	293/353 D		84-dykrep
349	C₂FeN₂O₄		Dicarbonyldinitrosyl-iron				13682-74-1
cr-g	8.8419	2467	0	272/291	272/295 D		79-dykrep
l-g	7.3139	2021	0	297/356	295/356 D		79-dykrep
350	C₂HAsF₆		<i>Bis</i>(trifluoromethyl)-arsine				371-74-4
l-g	5.57793	852.74	−55.27	207/273	197/283 C		84-dykrep

Phase	Antoine constants			T-range [K]	Range [K], Rating	T _b [K]/P _b [kPa]	Ref. Note
	A, (n)	B [K], (E)	C [K], (F)				
351	C₂HBr		Bromoacetylene				593-61-3
l-g	6.16471	1017.107	-32.819	214/272	212/280 B	277.38/101.325	38-baseme
352	C₂HBrClF₃		1-Bromo-1-chloro-2,2,2-trifluoroethane				151-67-7
l-g	5.86729	1020.409	-59.110	226/323	225/325 B	323.36/101.325	63-botsei, 80-gmeonk, 85-pasvar
353	C₂HBrClF₃		1-Bromo-2-chloro-1,1,2-trifluoroethane				354-06-3
l-g	5.85639	1019.527	-60.839	303/326	303/328 B	325.61/101.325	81-majsvo
354	C₂HBrClF₃		2-Bromo-1-chloro-1,1,2-trifluoroethane				354-20-1
l-g	6.676	1516.2	0	245/330	235/350 C		94-trcnh
355	C₂HBr₂Cl₂F		1,2-Dibromo-1,2-dichlorofluoroethane				421-33-0
l-g	6.974	2169.2	0	335/440	320/465 D		94-trcnh
356	C₂HBr₂FO₂		Dibromofluoroacetic acid				353-99-1
l-g	7.22386	2029.9	-81.99	403/468	393/478 D		79-dykrep
357	C₂HBr₂F₂		1,2-Dibromo-1,1-difluoroethane				421-36-3
l-g	6.763	1864.0	0	295/395	285/420 C		94-trcnh
358	C₂HBr₂F₃		1,1-Dibromo-2,2,2-trifluoroethane				354-30-3
l-g	6.8	1659.6	0	270/350	250/370 D		94-trcnh
359	C₂HBr₂F₃		1,2-Dibromotrifluoro-ethane				354-04-1
l-g	6.8	1671.6	0	265/350	255/350 C		94-trcnh
360	C₂HCl		Chloroacetylene				593-63-5
l-g	5.67668	717.766	-45.838	205/238	205/242 B	241.36/101.325	38-baseme
361	C₂HClF₂		1-Chloro-2,2-difluoroethylene				359-10-4
l-g	6.17111	931.247	-31.021	184/401	184/405 B	254.59/101.325	55-measta
362	C₂HClF₄		1-Chloro-1,1,2,2-tetrafluoroethane				354-25-6
l-g	6.2571	1006.84	-24.55	194/278	184/263 B	261.41/101.325	95-trcnh
l-g	6.2571 (0.434294)	1006.84 (-538)	-24.55 (30952.2)	278/399	263/399.8 B		95-trcnh
363	C₂HClF₄		1-Chloro-1,2,2,2-tetrafluoroethane				2837-89-0
l-g	7.18237	1650.655	60.417	278/396	275/398 B	334.25/1000	86-kubtan Note 4
364	C₂HClF₈S		Pentafluoro-(2-chloro-1,1,2-trifluoroethyl)-sulfur(vi)				22756-13-4
l-g	6.801	1580	0	279/323	279/323 D		79-dykrep
365	C₂HCl₂F₃		1,1-Dichloro-2,2,2-trifluoroethane				306-83-2
l-g	6.25094	1167.630	-25.593	273/327	270/327 B	300.64/101.325	27-kur
l-g	6.13668	1085.581	-38.228	323/387	323/387 B	384.32/1000	27-kur, 91-piasat, 90-web
l-g	7.68868	2471.531	142.808	383/426	383/426 B	384.32/1000	27-kur, 91-piasat, 90-web
l-g	7.39664	2126.665	98.751	418/458	418/460 B	420.50/2000	27-kur, 91-piasat, 90-web

Phase	Antoine constants			T-range [K]	Range [K], Rating	T _b [K]/P _b [kPa]	Ref. Note
	A, (n)	B [K], (E)	C [K], (F)				
366	C₂HCl₂F₃		1,2-Dichloro-1,1,2-trifluoroethane				7126-00-3
l-g	6.37203	1249.433	−16.528	303/393	303/401 B	302.68/101.325	27-kur, 92-takkus
l-g	8.36412	3371.064	242.045	398/458	398/458 B	423.77/2000	27-kur, 92-takkus
367	C₂HCl₃		Trichloroethylene				79-01-6
l-g	6.27434	1380.130	−36.672	229/369	229/370 B	359.99/101.325	71-gol, 62-pod
368	C₂HCl₃F₂		1,1,1-Trichloro-2,2-difluoroethane				354-12-1
l-g	5.66	997.51	−73.15	266/370	249/380 C	346.15/101.325	95-trcnh
369	C₂HCl₃F₂		1,1,2-Trichloro-1,2-difluoroethane				354-15-4
l-g	5.658	995.29	−73.15	268/350	249/379 B	345.65/101.325	95-trcnh
370	C₂HCl₃F₂		1,2,2-Trichloro-1,1-difluoroethane				354-21-2
l-g	5.656	992.64	−73.15	270/369	248/379 C	345.05/101.325	95-trcnh
371	C₂HCl₃F₂O₃S		2-Fluoro-1,1,2-trichloroethyl fluorosulfonate				42087-88-7
l-g	6.555	1911	0	317/353	317/353 D		84-dykrep
372	C₂HCl₃O		Trichloroacetaldehyde				75-87-6
l-g	6.39135	1503.93	−28.03	235/371	225/381 C		79-dykrep
373	C₂HCl₃O₂		Trichlorethanoic acid				76-03-9
l-g	6.43547	1618.97	−105.27	326/473	316/483 B		79-dykrep
374	C₂HCl₄F		1,1,1,2-Tetrachloro-2-fluoroethane				354-11-0
l-g	4.994	738.26	−143.15	310/395	290/427 B	390.15/101.325	95-trcnh
375	C₂HCl₄F		1,1,2,2-Tetrachloro-1-fluoroethane				354-14-3
l-g	4.992	736.389	−143.15	310/392	290/425 C	389.75/101.325	95-trcnh
376	C₂HCl₄FS		(Dichloromethyl)-(fluorodichloro-methyl)sulfide				900001-57-7
l-g	7.71867	2427.19	0	322/352	322/352 C		84-dykrep
377	C₂HCl₅		Pentachloroethane				76-01-7
l-g	5.7199	1295.67	−84.19	292/463	382/473 B	433.03/101.325	73-trcnh
378	C₂HF₃O₂		Trifluoroacetic acid				76-05-1
l-g	6.59971	1408.69	−38.29	285/345	275/355 C		79-dykrep
379	C₂HF₅		Pentafluoroethane				354-33-6
l-g	6.13392	800.869	−31.06	176/240	170.2/240 B	225.15/101.325	96-trcnh
l-g	6.13392 (0.434294)	800.869 (164.96)	−31.06 (−6993.2)	248/339	240/339.17 B		96-trcnh
380	C₂HF₆N		Bis(trifluoromethyl)-amine				371-77-7
l-g	7.021	1335	0	207/265	205/265 D		79-dykrep
381	C₂HF₆OP		Bis(trifluoromethyl)-phosphinous acid				359-65-9
cr-g	8.9384	1998.3	−22.75	233/251	231/255 C		79-dykrep
382	C₂HF₆OPS		Bis(trifluoromethyl)-phosphinothioic acid				35814-49-4
l-g	7.1782	2001	0	283/324	283/324 D		79-dykrep
383	C₂HF₆PS₂		Phosphinodithioic acid, bis(trifluoromethyl)-ester				18799-75-2
cr-g	8.0279	2188	0	273/287	269/287 D		79-dykrep

Phase	Antoine constants			T-range [K]	Range [K], Rating	T _b [K]/P _b [kPa]	Ref. Note
	A, (n)	B [K], (E)	C [K], (F)				
384	C₂HF₆PS₂		Thiophosphinous acid, bis(trifluoromethyl)-ester				1486-19-7
l-g	6.98036	1561.96	−12.18	217/280	207/290 C		79-dykrep
l-g	5.89755	1225.71	−63.57	291/315	287/325 C		79-dykrep
385	C₂HF₇S		Pentafluoro(2,2-difluoroethenyl)sulfur				58636-78-5
l-g	6.815	1447.6	0	293/353	293/353 D		84-dykrep
386	C₂HF₉S		Pentafluoro(1,2,2,2-tetrafluoroethyl)sulfur				63011-80-3
l-g	6.885	1463	0	293/353	293/353 D		84-dykrep
387	C₂H₂AsCl₃		Dichloro-<i>cis</i>-(2-chlorovinyl)arsine				34461-56-8
l-g	4.61278	785.09	−157.5	345/383	335/393 C		79-dykrep
388	C₂H₂AsCl₃		Dichloro-<i>trans</i>-(2-chlorovinyl)arsine				50361-05-2
l-g	7.7779	2648	0	273/373	273/373 D		79-dykrep
389	C₂H₂BrClF₂		2-Bromo-1-chloro-1,1-difluoroethane				421-01-2
l-g	6.639	1580.5	0	260/345	245/365 D		94-trcnh
390	C₂H₂BrCl₂F		1-Bromo-1,2-dichloro-2-fluoroethane				430-88-6
l-g	6.796	1907.4	0	310/400	290/424 D		90-trcnh
391	C₂H₂BrF₃		1-Bromo-2,2,2-trifluoroethane				421-06-7
l-g	6.552	1361.3	0	230/315	215/325 C		94-trcnh
392	C₂H₂Br₂		<i>cis</i>-1,2-Dibromoethylene				590-11-4
l-g	6.96656	1812.020	−21.691	299/351	295/360 B	325.39/10	50-noynoy
393	C₂H₂Br₂		<i>trans</i>-1,2-Dibromoethylene				590-12-5
l-g	5.83464	1315.936	−43.217	277/344	277/350 C	315.41/10	50-noynoy
394	C₂H₂Br₂Cl₂		1,2-Dibromo-1,1-dichloroethane				75-81-0
l-g	6.16090	1592.506	−68.183	354/519	294/520 A	451.44/101.325	59-dre-1
395	C₂H₂Br₂Cl₂		1,2-Dibromo-1,2-dichloroethane				683-68-1
l-g	8.13570	3124.797	46.523	298/394	298/400 C	391.39/10	39-mulsch
396	C₂H₂Br₂F₂		1,2-Dibromo-1,1-difluoroethane				75-82-1
l-g	6.763	1742.7	0	280/375	270/395 C		94-trcnh
397	C₂H₂Br₄		1,1,1,2-Tetrabromoethane				630-16-0
l-g	7.95615	2594.111	−37.406	331/473	330/480 C	473.36/101.325	47-stu
398	C₂H₂Br₄		1,1,2,2-Tetrabromoethane				79-27-6
l-g	6.50284	1963	−80.15	413/573	403/583 C	516.65/101.325	79-dykrep
399	C₂H₂ClFO		Chloroacetyl fluoride				359-14-8
l-g	7.7279	1982.5	0	273/333	273/333 D		79-dykrep
400	C₂H₂ClFO		Fluoroacetyl chloride				359-06-8
l-g	7.6203	1916.6	0	273/333	273/333 D		79-dykrep
401	C₂H₂ClF₃		1-Chloro-2,2,2-trifluoroethane				75-88-7
l-g	6.6726	1323.2	4.25	210/290	200/300 C		95-trcnh
402	C₂H₂ClF₃		2-Chloro-1,1,1-trifluoroethane				421-47-6
l-g	6.6726	1323.2	4.29	203/298	193/308 B	279.25/101.325	88-trcnh

Phase	Antoine constants			T-range [K]	Range [K], Rating	T _b [K]/P _b [kPa]	Ref. Note
	A, (n)	B [K], (E)	C [K], (F)				
403	C₂H₂ClF₃O₂S		2,2,2-Trifluoroethane-sulfonyl chloride				1648-99-3
l-g	7.045	1881	0	293/353	293/353 D		84-dykrep
404	C₂H₂Cl₂		1,1-Dichloroethylene				75-35-4
l-g	6.13240	1103.643	-37.276	240/305	220/305 C	304.72/101.325	59-hilmcd, 47-stu
405	C₂H₂Cl₂		cis-1,2-Dichloroethylene				156-59-2
l-g	6.99510	1659.237	0	240/278	240/276 C	263.53/5	47-ketvan
l-g	6.10163	1180.589	-45.322	279/373	275/375 B	333.56/101.325	47-ketvan
406	C₂H₂Cl₂		trans-1,2-Dichloroethylene				156-60-5
l-g	6.00172	1089.497	-48.175	270/347	271/347 B	320.82/101.325	72-bouaim, 47-ketvan
l-g	6.38964	1307.342	-22.901	346/517	347/517 B	377.13/500	72-bouaim, 47-ketvan
407	C₂H₂Cl₂F₂		1,1-Dichloro-2,2-difluoroethane				471-43-2
l-g	5.855	1077.8	-53.15	255/340	240/360 C		95-trcnh
408	C₂H₂Cl₂F₂		1,2-Dichloro-1,1-difluoroethane				1649-08-7
l-g	5.66562	894.15	-74.99	248/343	232/326 B	319.78/101.325	95-trcnh
l-g	5.66562 (0.434294)	894.15 (21.711)	-74.99 (8764.1)	343/495	326/495.15 B		95-trcnh
409	C₂H₂Cl₂F₇S		Pentafluoro(2,2-difluoro-2-chloroethyl)sulfur				68010-35-5
l-g	7.005	1719.9	0	293/353	293/353 D		84-dykrep
410	C₂H₂Cl₂O		Chloroacetyl chloride				79-04-9
l-g	6.25901	1331.94	-65.97	253/379	243/389 B		79-dykrep
411	C₂H₂Cl₂O₂		Dichloroacetic acid				79-43-6
l-g	7.47122	2385.6	-31.2	317/468	307/478 C		79-dykrep
412	C₂H₂Cl₃F		1,1,2-Trichloro-1-fluoroethane				811-95-0
l-g	5.225	814.47	-108.15	280/370	265/395 B	361.15/101.325	95-trcnh
413	C₂H₂Cl₄		1,1,1,2-Tetrachloroethane				630-20-6
l-g	6.03015	1369.87	-62.96	302/430	292/440 B	403.35/101.325	73-trcnh
414	C₂H₂Cl₄		1,1,2,2-Tetrachloroethane				79-34-5
l-g	6.1295	1444.3	-68.05	285/445	275/455 B	418.25/101.325	73-trcnh
415	C₂H₂Cl₄S		Bis(dichloromethyl)-sulfide				51174-93-7
l-g	7.373	2484.5	0	355/462	355/462 D		79-dykrep
416	C₂H₂FN		Fluoroacetonitrile				503-20-8
l-g	7.7211	1992.8	0	273/333	263/343 C		79-dykrep
417	C₂H₂F₂		1,1-Difluoroethylene				75-38-7
l-g	6.32354	813.711	0.999	165/304	155/305 B	187.45/101.325	55-measta
418	C₂H₂F₃NO		2,2,2-Trifluoroacetamide				354-38-1
cr-g	7.47964	1660.07	-112.457	287/329	277/339 D		84-dykrep

Phase	Antoine constants			T-range [K]	Range [K], Rating	T _b [K]/P _b [kPa]	Ref. Note
	A, (n)	B [K], (E)	C [K], (F)				
419	C₂H₂F₄		1,1,1,2-Tetrafluoroethane				811-97-2
l-g	6.28071	923.241	−31.012	210/269	210/270 B	246.98/101.325	89-baswil
l-g	6.39439	985.635	−22.159	263/326	263/326 B	288.88/500	89-baswil, 89-piasat
l-g	7.33926	1648.651	67.569	318/375	318/375 B	340.69/2000	89-baswil, 89-piasat
420	C₂H₂F₄		1,1,2,2-Tetrafluoroethane				359-35-3
l-g	5.70382	672.072	−72.859	200/309	200/300 D	254.59/101.325	91-maesat-1
l-g	6.62564	1148.818	−4.085	300/392	308/395 C	337.12/1500	91-maesat-1, 92-tamsat
421	C₂H₂F₄O₂S		2,2,2-Trifluoroethyl fluorosulfinate				75988-14-6
l-g	7.305	1755	0	L	C	331.18/101.325	75-demkov-1 Note 10
422	C₂H₂F₆P₂		1,2-Bis(trifluoromethyl)-diphosphine				462-57-7
l-g	6.2761	1285.03	−40.38	233/292	223/302 C		84-dykrep
423	C₂H₂F₈S		Pentafluoro(2,2,2-trifluoroethyl)sulfur				65227-29-4
l-g	6.895	1530.8	0	293/353	293/353 D		84-dykrep
424	C₂H₂F₈S		Tetrafluoro(fluoro-methyl)(trifluoro-methyl)sulfur				56919-36-9
l-g	6.325	1425	0	293/353	293/353 D		84-dykrep
425	C₂H₂I₂		cis-Diiodoethylene				590-26-1
l-g	6.33091	1715.030	−64.903	334/425	332/430 D	386.62/10	50-noynoy
426	C₂H₂I₂		trans-Diiodoethylene				590-27-2
cr-g	4.87962	2072.230	−3.764	265/293	265/293 C	266.75/0.001	33-brofra
l-g	7.45133	2780.640	46.109	350/404	350/408 C	384.91/10	33-brofra, 50-noynoy
427	C₂H₃Br		Bromoethylene				593-60-2
l-g						288.85/101.325	34-meh, 37-schwei
428	C₂H₃BrClF		2-Bromo-2-chloro-1-fluoroethane				430-54-6
l-g	6.71	1672.5	0	280/360	270/400 C		94-trcnh
429	C₂H₃BrO		Acetyl bromide				506-96-7
l-g	4.3953	573.3	−118.15	289/334	279/344 C		79-dykrep
430	C₂H₃BrSi		(Bromoethynyl)silane				68196-78-1
l-g	7.3189	1763	0	293/353	293/353 D		84-dykrep
431	C₂H₃Br₃		1,1,2-Tribromoethane				78-74-0
l-g	6.55403	1834.999	−58.529	305/512	305/515 C	461.98/101.325	47-stu
432	C₂H₃Cl		Vinylchloride				75-01-4
l-g	5.99348	895.539	−34.816	187/259	185/259 B	259.39/101.325	67-hacmat, 59-mcdshr
l-g	5.21029	559.842	−84.717	259/327	259/328 B	259.42/101.325	46-roztem
433	C₂H₃ClF₂		1-Chloro-1,1-difluoroethane				75-68-3
l-g	6.05053	928.645	−34.46	205/283	186/273 B	263/101.325	95-trcnh
l-g	6.05053 (0.434294)	928.645 (115.85)	−34.46 (−3920.5)	283/410	273/410.3 B		95-trcnh

Phase	Antoine constants			T-range [K]	Range [K], Rating	T _b [K]/P _b [kPa]	Ref. Note
	A, (n)	B [K], (E)	C [K], (F)				
434	C₂H₃ClF₂		2-Chloro-1,1-difluoroethane				338-65-8
l-g	5.765	977.89	−48.15	230/310	217/335 B	308.25/101.325	95-trcnh
435	C₂H₃ClF₆OS		Pentafluoro(2-fluoro-2-chloroethoxy)sulfur				900001-58-3
l-g	6.36179	1372.37	−47.59	285/363	275/373 C		84-dykrep
436	C₂H₃ClGe		(Chloroethynyl)-germane				68196-76-9
l-g	7.3569	1761	0	293/353	293/353 D		84-dykrep
437	C₂H₃ClO		Acetyl chloride				75-36-5
l-g	5.96568	1062.86	−55.53	267/324	260/334 C		79-dykrep
438	C₂H₃ClO₂		Chloroethanoic acid				79-11-8
l-g	6.69087	1733.96	−92.15	336/463	326/473 C		79-dykrep
439	C₂H₃ClSi		(Chloroethynyl)silane				58468-21-6
l-g	7.3879	1645	0	293/353	293/353 D		84-dykrep
440	C₂H₃Cl₂F		1,1-Dichloro-1-fluoroethane				1717-00-6
l-g	5.72513	890.790	−65.479	200/400	200/400 D	304.98/101.325	91-maesat-1
441	C₂H₃Cl₂F		1,2-Dichloro-1-fluoroethane				430-57-9
l-g	5.525	945.96	−78.15	265/350	260/381 B	346.95/101.325	95-trcnh
442	C₂H₃Cl₃		1,1,1-Trichloroethane				71-55-6
l-g	5.96954	1172.17	−51.515	258/371	243/381 B	347.23/101.325	73-trcnh
443	C₂H₃Cl₃		1,1,2-Trichloroethane				79-00-5
l-g	6.10301	1332.6	−61.77	291/412	281/422 B	387/101.325	73-trcnh
444	C₂H₃Cl₃O₂		Chloral hydrate				302-17-0
cr-g	9.6406	2865.22	8.58	263/320	263/325 C		79-dykrep
l-g	9.02003	2590.78	0	325/370	325/380 C		79-dykrep
445	C₂H₃Cl₃Si		Trichlorovinylsilane				75-94-5
l-g	6.3257	1440.2	−30.55	299/364	289/374 C		79-dykrep
446	C₂H₃Cl₃Si		(1,2-Dichloroethyl)-trichlorsilane				684-00-4
l-g	7.06049	2227	−13.15	334/454	324/464 C		79-dykrep
447	C₂H₃F		Fluoroethylene				75-02-5
l-g	6.00010	750.300	−13.203	140/201	135/210 C	201.04/101.325	54-hed, 66-kreamb
l-g	7.43117	1649.942	115.526	245/328	240/329 B	256.82/1000	66-kreamb, 47-stu
448	C₂H₃FO		Acetyl fluoride				557-99-3
l-g	4.578	748.1	0	195/291	195/391 D		79-dykrep
449	C₂H₃FO₂		Fluoroethanoic acid				144-49-0
l-g	8.25875	2775.1	2.46	293/443	286/450 C		79-dykrep
450	C₂H₃F₃		1,1,1-Trifluoroethane				420-46-2
l-g	6.068	801.34	−28.6	170/235	157/241 B	225.75/101.325	96-trcnh
451	C₂H₃F₃		1,1,2-Trifluoroethane				430-66-0
l-g	6.13152	928.177	−51.88	211/294	202/308 B	278.15/101.325	96-trcnh
l-g	6.068	801.34	−28.6	243/346	241/346.3 B		96-trcnh
	(0.434294)	(63.440)	(−981.56)				
l-g	6.13152	928.177	−51.88	298/430	308/429.8 B		96-trcnh
	(0.434294)	(8.924)	(−587.53)				

Phase	Antoine constants			T-range [K]	Range [K], Rating	T _b [K]/P _b [kPa]	Ref. Note
	A, (n)	B [K], (E)	C [K], (F)				
452	C₂H₃F₃N₂		1,1,1-Trifluoroazomethane				690-21-1
l-g	7.0009	1377	0	240/273	230/283 C		87-trcsp
453	C₂H₃F₃O		2,2,2-Trifluoroethanol				75-89-8
l-g	6.9499	1398.4	-64.17	296/323	286/334 A		88-coomor
454	C₂H₃F₃O₂S		Methyl trifluoromethane-sulfinate				333-27-7
l-g	6.795	1656	0	293/353	293/353 D		84-dykrep
455	C₂H₃F₃O₂Si		Silyl(trifluoroacetate)				6876-44-4
l-g	7.2929	1604	0	273/293	269/296 D		84-dykrep
456	C₂H₃F₃Se		Methyl(trifluoro-methyl)selenide				1544-45-2
l-g	6.785	1448	0	209/294	209/294 D		84-dykrep
457	C₂H₃F₅O₃S		Pentafluoro(ethan-peroxoate)sulfur				60672-60-8
l-g	7.0303	1895	0	293/353	293/353 D		84-dykrep
458	C₂H₃I		Iodoethene				593-66-8
l-g	5.82767	1077.79	-47.15	329.15/329.15	309/339 C	329.15/101.325	87-trcsp
459	C₂H₃IO		Acetyl iodide				507-02-8
l-g	3.00167	285.36	-177.53	276/302	272/308 B		79-dykrep
460	C₂H₄BrCl		1-Bromo-1-chloroethane				593-96-4
l-g	5.12827	770.190	-109.259	237/355	237/356 D	355.91/101.325	47-stu
461	C₂H₄BrCl		1-Bromo-2-chloroethane				107-04-0
l-g	6.39201	1498.554	-38.105	244/280	240/285 B	379.75/101.325	47-stu
462	C₂H₄BrF		1-Bromo-1-fluoroethane				2311-13-9
l-g	6.54792	1565.9	0	260/350	250/370 C		94-trcnh
463	C₂H₄BrF		1-Bromo-2-fluoroethane				762-49-2
l-g	6.548	1554.1	0	260/355	245/370 C		94-trcnh
464	C₂H₄Br₂		1,1-Dibromoethane				557-91-5
l-g	6.3303	1412	-54.65	289/405	279/415 B	381.15/101.325	56-trcnh
465	C₂H₄Br₂		1,2-Dibromoethane				106-93-4
cr-g2	9.85022	2818.655	0	228/248	228/252 C	237.86/0.01	48-nitsek-3
cr-g1	9.00887	2606.490	0	251/281	251/281 C	260.42/0.1	48-nitsek-3
l-g	6.26105	1518.760	-47.667	285/405	285/405 C	404.57/101.325	59-dre-1, 49-dremar, 49-dreshr
466	C₂H₄ClF		1-Chloro-1-fluoroethane				1615-75-4
l-g	5.738	918.71	-43.15	218/310	202/320 B	289.3/101.325	95-trcnh
467	C₂H₄ClF		1-Chloro-2-fluoroethane				762-50-5
l-g	8.24095	2412.263	60.958	288/327	285/329 B	325.92/101.325	52-shavar
468	C₂H₄CIN₃		1-Chloro-2-azidoethane				53422-48-3
l-g	7.8361	2287.3	0	273/333	273/333 D		79-dykrep

Phase	Antoine constants			T-range [K]	Range [K], Rating	T _b [K]/P _b [kPa]	Ref. Note
	A, (n)	B [K], (E)	C [K], (F)				
469	C₂H₄Cl₂		1,1-Dichloroethane				75-34-3
l-g	6.1678	1201.05	-41.88	228/352	218/362 B	330.45/101.325	73-trcnh
470	C₂H₄Cl₂		1,2-Dichloroethane				107-06-2
l-g	6.28356	1341.37	-43.1	240/265	230/265 B	356.66/101.325	77-trcnh
l-g	6.28356	1341.37	-43.1	265/380	265/395 A		73-trcnh
471	C₂H₄Cl₂S		Chloromethyl sulfide				3592-44-7
l-g	7.4896	2358.2	0	320/430	310/440 C		79-dykrep
472	C₂H₄Cl₆Si₂		1,1,1,3,3,3-Hexachloro-2-methyl-1,3-disilapropane				18076-92-1
l-g	7.2338	2425	0	328/453	328/453 D		79-dykrep
473	C₂H₄Cl₆Si₂		1,1,1,4,4,4-Hexachloro-1,4-disilabutane				2504-64-5
l-g	6.94521	2242	-22.15	364/476	354/486 C		79-dykrep
474	C₂H₄FNO₂		2-Fluoroethyl nitrate				4528-33-0
l-g	7.955	2000	0	273/333	273/333 D		79-dykrep
475	C₂H₄F₂		1,1-Difluoroethane				75-37-6
l-g	7.55156	1345.26	30	156/175	150/182 B	247.35/101.325	96-trcnh
l-g	5.75231	735.16	-52.88	188/260	182/266 B		96-trcnh
l-g	5.75231 (0.434294)	735.16 (72.728)	-52.88 (-1421.1)	268/386	266/386.4 B		96-trcnh
476	C₂H₄F₂		1,2-Difluoroethane				624-72-6
l-g	6.052	1054.02	-23.15	210/300	206/314 C	283.65/101.325	96-trcnh
477	C₂H₄F₃OP		Methyl(trifluoro-methyl)phosphinite				6395-71-7
l-g	6.29667	1174.8	-36.24	194/291	184/301 C		84-dykrep
478	C₂H₄F₆OS		Pentafluoro(2-fluoroethoxy)sulfur				900001-59-4
l-g	5.75548	1023.87	-89.39	290/364	280/374 C		84-dykrep
479	C₂H₄I₂		1,1-Diiodoethane				594-02-5
l-g	3.97798	757.35	-68.15	452.15/452.15	432/462 C	452.15/101.325	87-trcsp
480	C₂H₄I₂		1,2-Diiodoethane				624-73-7
l-g	6.11324	1647.1	-72.15	371/526	361/536 C	473.15/101.325	79-dykrep
481	C₂H₅AsBr₂		Dibromoethylarsine				683-43-2
l-g	7.62048	2608.7	0	273/333	273/333 D		79-dykrep
482	C₂H₅AsCl₂		Dichloroethylarsine				598-14-1
l-g	5.33629	1035.2	-117.7	343/429	333/439 C		79-dykrep
483	C₂H₅AsF₂		Ethyl difluoroarsine				430-40-0
l-g	6.78565	1608.3	-30.17	248/368	238/378 C		79-dykrep
484	C₂H₅BCl₂O		Dichloroethoxyborane				16339-28-9
l-g	5.8879	1101.1	-67.4	229/351	219/361 C		79-dykrep
485	C₂H₅Br		Bromoethane				74-96-4
l-g	6.04485	1090.81	-41.44	231/333	221/343 B	311.5/101.325	56-trcnh
486	C₂H₅BrHg		Bromoethylmercury				107-26-6
cr-g	9.5709	3994	0	285/303	283/303 D		79-dykrep

Phase	Antoine constants			<i>T</i> -range [K]	Range [K], Rating	<i>T_b</i> [K]/ <i>P_b</i> [kPa]	Ref. Note
	<i>A</i> , (<i>n</i>)	<i>B</i> [K], (<i>E</i>)	<i>C</i> [K], (<i>F</i>)				
487	C₂H₅Cl		Chloroethane				75-00-3
l-g	6.18552	1065.08	−30.63	197/211	187/211 B	285.42/101.325	77-trcnh
l-g	6.09088	1020.63	−35.58	211/305	211/322 A		81-trcnh
488	C₂H₅ClO		2-Chloroethanol				107-07-3
l-g	7.6496	2262.5	0	328/401	318/411 C		79-dykrep
489	C₂H₅ClO		Chlorodimethyl ether				107-30-2
l-g	6.259	1240	−43.15	290/332	290/332 D		79-dykrep
490	C₂H₅ClO₂S		Ethylsulfonyl chloride				594-44-5
l-g	9.293	2943.7	0	233/263	229/269 D		79-dykrep
491	C₂H₅Cl₂FSi		Dichloroethylfluoro-silane				421-22-7
l-g	6.806	1609.5	0	243/333	243/333 D		79-dykrep
492	C₂H₅Cl₂P		Dichloroethyl-phosphine				1498-40-4
l-g	5.464	1029	−87.75	313/385	313/385 D		79-dykrep
493	C₂H₅Cl₃OSi		Trichloroethoxysilane				1825-82-7
l-g	6.29033	1438.83	−39.83	241/376	231/386 C		79-dykrep
494	C₂H₅Cl₃Si		Dichloromethyl-(chloromethyl)silane				1558-33-4
l-g	6.055	1265	−79.15	335/398	325/408 C		79-dykrep
495	C₂H₅Cl₃Si		Ethyltrichlorosilane				115-21-9
l-g	6.05229	1305.17	−49.72	303/372	293/382 C		79-dykrep
496	C₂H₅F		Fluoroethane				353-36-6
l-g	6.21998	897.368	−22.49	180/240	164/251 B	235.75/101.325	96-trcnh
l-g	6.21998 (0.434294)	897.368 (352.246)	−22.49 (−24619.)	258/375	251/375.28 B		96-trcnh
497	C₂H₅FO		2-Fluoroethanol				371-62-0
l-g	8.185	2304	0	273/333	265/340 D		79-dykrep
498	C₂H₅FO₃S		Ethyl fluorosulfate				371-69-7
l-g	7.2129	2010.7	0	273/385	263/395 C		79-dykrep
499	C₂H₅F₂N		<i>N,N</i>-Difluoroethanamine				758-18-9
l-g	6.04079	1009.53	−39.78	241/259	237/265 C		79-dykrep
500	C₂H₅F₃NP		Amide methyl(trifluoro-methyl)phosphinite				4669-74-3
l-g	6.36104	1311.91	−48.47	238/294	228/304 C		84-dykrep
501	C₂H₅F₃OSi		Ethoxytrifluorosilicon				460-55-9
cr-g	4.329	358.5	−115.1	206/248	196/258 D		79-dykrep
502	C₂H₅F₃Si		Trifluoroethylsilane				353-89-9
l-g	6.61516	1165.14	−16.33	201/269	191/279 C		79-dykrep
503	C₂H₅HgI		Ethylmercuriiodide				2440-42-8
cr-g	10.277	4163	0	286/303	284/307 D		79-dykrep
504	C₂H₅I		Iodoethane				75-03-6
l-g	5.95688	1175.71	−47.89	256/369	245/380 B	345.45/101.325	56-trcnh
505	C₂H₆BCl₂N		Dichloro(dimethyl-amino)borane				1113-31-1
l-g	6.10345	1392.6	−47.82	283/343	273/353 C		79-dykrep

Phase	Antoine constants			T-range [K]	Range [K], Rating	T _b [K]/P _b [kPa]	Ref. Note
	A, (n)	B [K], (E)	C [K], (F)				
506	C₂H₆BF₃O		Dimethyl ether-boron trifluoride(1:1)-complex				353-42-4
l-g	8.9309	2775	0	311/346	301/356 C		79-dykrep
507	C₂H₆BF₃S		Dimethyl sulfide-boron trifluoride(1:1)-complex				353-43-5
l-g	8.9309	2227	0	273/298	270/300 D		79-dykrep
508	C₂H₆ClP		Chlorodimethyl-phosphine				811-62-1
cr-g	11.316		2899.98 0	233/268	223/278 C		84-dykrep
509	C₂H₆Cl₂Ge		Dichlorodimethyl-germane				1529-48-2
l-g	6.22804	1454.93	-51.93	251/396	241/406 C		79-dykrep
510	C₂H₆Cl₂OSi		Dichloroethoxysilane				6485-90-1
l-g	7.0253	1744.5	0	273/335	263/345 C		84-dykrep
511	C₂H₆Cl₂Si		Dichlorodimethyl-silane				75-78-5
l-g	6.26844	1328	-32.15	263/346	253/356 C		79-dykrep
512	C₂H₆Cl₂Si		Dichloroethylsilane				1789-58-8
l-g	6.73916	1664	2.85	279/347	279/350 C		79-dykrep
513	C₂H₆Cl₄Si₂		1,2,2,2-Tetrachloro-1,1-dimethyldisilane				26980-43-8
l-g	6.26977	1680.79	-36.31	300/376	290/386 C		84-dykrep
514	C₂H₆FO₃P		Dimethylphospho-fluoridate				5954-50-7
l-g	7.55	2319.5	1	273/333	273/333 D		79-dykrep
515	C₂H₆F₃NS		(Dimethylamino)-sulfur trifluoride				3880-03-3
l-g	7.4185	2115.3	0	296/327	292/333 C		79-dykrep
516	C₂H₇ClO₂Si		Chlorodimethoxy-silane				4861-14-7
l-g	7.1865	1774	0	293/353	283/363 C		84-dykrep
517	C₂H₇ClSi		Chlorodimethylsilane				1066-35-9
l-g	6.741	1458	0	273/296	279/292 D		84-dykrep
518	C₂H₇FGe		Fluorodimethyl-germane				34117-35-6
l-g	7.5349	1822	0	242/278	242/278 D		84-dykrep
519	C₂H₈CIN		Dimethylammonium chloride				506-59-2
l-g	10.5159	4994.8	0	439/533	429/543 C		79-dykrep
520	C₂H₈CIN		Ethylammonium chloride				557-66-4
l-g	4.1609	1794.4	0	382/480	372/490 C		79-dykrep
521	C₂H₉FOSi₂		1-Fluoro-1,3-dimethyldisiloxane				35192-38-2
l-g	5.44743	1162.74	1.32	195/250	192/255 C		84-dykrep