

Halogenverbindungen

1 Halogenalkane

Chlorkohlenwasserstoffe

Chlormethan	$\text{CH}_3\text{-Cl}$	<i>Methylchlorid</i>	F.-93°C, Kp.-23,7°C, LW.5
Dichlormethan	CH_2Cl_2	<i>Methylenchlorid</i>	F.-96,7°C, Kp.40,7°C, D.1,336, LW.20
Trichlormethan	CHCl_3	<i>Chloroform</i>	F.-63,5°C, Kp.61,2°C, D.1,498, LW.8
Tetrachlormethan	CCl_4	<i>Tetrachlorkohlenstoff</i>	F.-22,9°C, Kp.76,7°C, D.1,596
Chlorethan	$\text{CH}_3\text{-CH}_2\text{Cl}$	<i>Äthylchlorid</i>	F.-138°C, Kp.13,1°C, D.0,917(6°C)
1,1-Dichlorethan	$\text{CHCl}_2\text{-CH}_3$	<i>Äthylidenchlorid</i>	F.-96,7°C, Kp.57,3°C, D.1,174
1,2-Dichlorethan	$\text{CH}_2\text{Cl-CH}_2\text{Cl}$	<i>Äthylenchlorid</i>	F.-35,5°C, Kp.84,1°C, D.1,253
1,1,1-Trichlorethan	$\text{CH}_3\text{-CCl}_3$	<i>Methylchloroform</i>	F.-30°C, Kp.74°C, D.1,33
1,1,2-Trichlorethan	$\text{CH}_2\text{Cl-CHCl}_2$		F.-35,5°C, Kp.113°C, D.1,44(25°C)
1,1,2,2-Tetrachlorethan	$\text{CHCl}_2\text{-CHCl}_2$		F.-42,5°C, Kp.146°C, D.1,59, LW.2,9
1,1,1,2,2-Pentachlorethan	$\text{CCl}_3\text{-CHCl}_2$		F.-29°C, Kp.162°C, D.1,693(10°C)
Hexachlorethan	$\text{CCl}_3\text{-CCl}_3$		F.187°C
1-Chlorpropan	$\text{CH}_2\text{Cl-CH}_2\text{-CH}_3$	<i>n-Propylchlorid</i>	F.-123°C, Kp.46,4°C, D.0,892
2-Chlorpropan	$\text{CH}_3\text{-CHCl-CH}_3$	<i>iso-Propylchlorid</i>	F.-117°C, Kp.36,5°C, D.0,859
1,1-Dichlorpropan	$\text{CHCl}_2\text{-CH}_2\text{-CH}_3$		Kp.86°C, D.1,143(10°C)
1,2-Dichlorpropan	$\text{CH}_2\text{Cl-CHCl-CH}_3$	<i>Propylenchlorid</i>	F.-100°C, Kp.96,8°C, D.1,165
1,3-Dichlorpropan	$\text{CH}_2\text{Cl-CH}_2\text{-CH}_2\text{Cl}$	<i>Trimethylenchlorid</i>	F.-99°C, Kp.125°C, D.1,1177
2,2-Dichlorpropan	$\text{CH}_3\text{-CCl}_2\text{-CH}_3$		F.-34,6°C, Kp.69,7°C, D.1,096
1,1,1-Trichlorpropan	$\text{CCl}_3\text{-CH}_2\text{-CH}_3$		Kp.147°C
1,1,2-Trichlorpropan	$\text{CHCl}_2\text{-CHCl-CH}_3$		Kp.140°C, D.1,372
1,2,2-Trichlorpropan	$\text{CH}_2\text{Cl-CCl}_2\text{-CH}_3$		F.14,7°C, Kp.157°C, D.1,394
1,2,3-Trichlorpropan	$\text{CH}_2\text{Cl-CHCl-CH}_2\text{Cl}$		F.-14,7°C, Kp.123°C, D.1,318
1-Chlorbutan	$\text{CH}_3\text{-(CH}_2\text{)}_2\text{-CH}_2\text{Cl}$	<i>Butylchlorid</i>	F.-123°C, Kp.78°C, D.0,89, LW.1,1
2-Chlorbutan	$\text{CH}_3\text{-CHCl-CH}_2\text{-CH}_3$	<i>sek.-Butylchlorid</i>	F.-132°C, Kp.65°C, D.0,872
1,4-Dichlorbutan	$\text{CH}_2\text{Cl-(CH}_2\text{)}_2\text{-CH}_2\text{Cl}$	<i>Tetramethylenchlorid</i>	F.-38°C, Kp.155°C, D.1,138
1-Chlorpentan	$\text{CH}_3\text{-(CH}_2\text{)}_3\text{-CH}_2\text{Cl}$	<i>Amylchlorid</i>	F.-99°C, Kp.108°C, D.0,881
1,5-Dichlorpentan	$\text{CH}_2\text{Cl-(CH}_2\text{)}_3\text{-CH}_2\text{Cl}$	<i>Pentamethylenchlorid</i>	
1-Chlorhexan	$\text{CH}_3\text{-(CH}_2\text{)}_4\text{-CH}_2\text{Cl}$	<i>Hexylchlorid</i>	F.-94°C, Kp.134°C, D.0,877
1,6-Dichlorhexan	$\text{CH}_2\text{Cl-(CH}_2\text{)}_4\text{-CH}_2\text{Cl}$	<i>Hexamethylenchlorid</i>	F.-13°C, D.1,067
1-Chlorheptan	$\text{CH}_3\text{-(CH}_2\text{)}_5\text{-CH}_2\text{Cl}$	<i>Heptylchlorid</i>	F.-67°C, Kp.160°C, D.0,874
1,7-Dichlorheptan	$\text{CH}_2\text{Cl-(CH}_2\text{)}_5\text{-CH}_2\text{Cl}$	<i>Heptamethylenchlorid</i>	
1-Chloroctan	$\text{CH}_3\text{-(CH}_2\text{)}_6\text{-CH}_2\text{Cl}$	<i>Octylchlorid</i>	F.-58°C, Kp.182°C, D.0,872
1,8-Dichloroctan	$\text{CH}_2\text{Cl-(CH}_2\text{)}_6\text{-CH}_2\text{Cl}$	<i>Octamethylenchlorid</i>	F.-8°C, Kp.241°C, D.1,025
1-Chlornonan	$\text{CH}_3\text{-(CH}_2\text{)}_7\text{-CH}_2\text{Cl}$	<i>Nonylchlorid</i>	Kp.204°C, D.0,871
1,9-Dichlornonan	$\text{CH}_2\text{Cl-(CH}_2\text{)}_7\text{-CH}_2\text{Cl}$	<i>Nonamethylenchlorid</i>	

1-Chlordecan	$\text{CH}_3-(\text{CH}_2)_8-\text{CH}_2\text{Cl}$	<i>Decylchlorid</i>	F. -34°C, Kp. 223°C, D. 0,868
1,10-Dichlordecan	$\text{CH}_2\text{Cl}-(\text{CH}_2)_8-\text{CH}_2\text{Cl}$	<i>Decamethylenchlorid</i>	F. 15°C, D. 0,997
1-Chlorundecan	$\text{CH}_3-(\text{CH}_2)_9-\text{CH}_2\text{Cl}$	<i>Undecylchlorid</i>	
1-Chlordodecan	$\text{CH}_3-(\text{CH}_2)_{10}-\text{CH}_2\text{Cl}$	<i>Laurylchlorid</i>	F. -9°C, D. 0,865
1-Chlortetradecan	$\text{CH}_3-(\text{CH}_2)_{12}-\text{CH}_2\text{Cl}$	<i>Myristylchlorid</i>	F. -2°C, Kp. 232°C, D. 0,863
1-Chlorhexadecan	$\text{CH}_3-(\text{CH}_2)_{14}-\text{CH}_2\text{Cl}$	<i>Cetylchlorid</i>	D. 0,863
1-Chloroctadecan	$\text{CH}_3-(\text{CH}_2)_{16}-\text{CH}_2\text{Cl}$	<i>Stearylchlorid</i>	F. 21°C

Verzweigte Chlor-Kohlenwasserstoffe

1-Chlor-2-methylpropan	$\text{CH}_2\text{Cl}-\text{CH}(\text{CH}_3)-\text{CH}_3$	<i>iso-Butylchlorid</i>	F. -131°C, Kp. 68,9°C, D. 0,883
2-Chlor-2-methylpropan	$\text{CH}_3-\text{C}(\text{Cl})(\text{CH}_3)-\text{CH}_3$	<i>tert.-Butylchlorid</i>	F. -26°C, Kp. 51°C, D. 0,843
2-Chlor-2-methylpropan	$\begin{array}{c} \text{CH}_3 \\ \\ \text{CH}_3-\text{C}-\text{Cl} \\ \\ \text{CH}_3 \end{array}$	<i>tert.-Butylchlorid</i>	F. -28,5°C, Kp. 51°C, D. 0,847 (15°C)
2-Chlor-2-methyl-butan	$\text{CH}_3-\text{CH}_2-\text{CCl}(\text{CH}_3)-\text{CH}_3$	<i>tert.-Amylchlorid</i>	F. -72,7°C, Kp. 85,7°C, D. 0,871
3-(Chlormethyl)-heptan	$\text{CH}_3-(\text{CH}_2)_3-\text{CH}(\text{CH}_2\text{Cl})-\text{CH}_2-\text{CH}_3$	<i>Isooctylchlorid</i>	D. 0,881

Fluor-Kohlenwasserstoffe

Fluormethan	CH_3F	<i>Methylfluorid</i>	
Difluormethan	CH_2F_2	<i>Methylenfluorid</i>	
Trifluormethan	CHF_3	<i>Fluoroform</i>	F.-115°C, Kp.-84°C, LW.1
Tetrafluormethan	CF_4	<i>Tetrafluorkohlenstoff</i>	F.-184°C, Kp.-130°C
Fluorethan	$\text{CH}_3\text{-CH}_2\text{F}$	<i>Äthylfluorid</i>	
1,1-Difluorethan	$\text{CH}_3\text{-CHF}_2$	<i>Äthylidenfluorid</i>	F.-117°C, Kp.-25°C, LW.5
1,2-Difluorethan	$\text{CH}_2\text{F-CH}_2\text{F}$	<i>Äthylenfluorid</i>	
1,1,2-Trifluorethan	$\text{CHF}_2\text{-CH}_2\text{F}$		
1,1,1,2-Tetrafluorethan	$\text{CH}_2\text{F-CF}_3$		Kp.-26,5°C
Hexafluorethan	$\text{CF}_3\text{-CF}_3$		F.-100°C, Kp.-78°C
1-Fluorpropan	$\text{CH}_3\text{-CH}_2\text{-CH}_2\text{F}$		
1-Fluorbutan	$\text{CH}_3\text{-(CH}_2)_2\text{-CH}_2\text{F}$		
1-Fluorpentan	$\text{CH}_3\text{-(CH}_2)_3\text{-CH}_2\text{F}$	<i>1-Amylfluorid</i>	Kp.62°C, D.0,789
1-Fluorhexan	$\text{CH}_3\text{-(CH}_2)_4\text{-CH}_2\text{F}$	<i>Hexylfluorid</i>	Kp.92°C, D.0,800
1-Fluorheptan	$\text{CH}_3\text{-(CH}_2)_5\text{-CH}_2\text{F}$		
1-Fluoroctan	$\text{CH}_3\text{-(CH}_2)_6\text{-CH}_2\text{F}$		
1-Fluornonan	$\text{CH}_3\text{-(CH}_2)_7\text{-CH}_2\text{F}$	<i>Nonylfluorid</i>	Kp.167°C, D.0,816
1-Fluordecen	$\text{CH}_3\text{-(CH}_2)_8\text{-CH}_2\text{F}$		
1-Fluorundecan	$\text{CH}_3\text{-(CH}_2)_9\text{-CH}_2\text{F}$		
1-Fluordodecan	$\text{CH}_3\text{-(CH}_2)_{10}\text{-CH}_2\text{F}$		

Brom-Kohlenwasserstoffe

Brommethan	CH_3Br	<i>Methylbromid</i>	F.-93°C, Kp.4,6°C, D.1,732 (0°C)
Dibrommethan	CH_2Br_2	<i>Methylenbromid</i>	F.-52,6°C, Kp.98,2°C, D.2,495
Tribrommethan	CHBr_3	<i>Bromoform</i>	F.8°C, Kp.149°C, D.2,816, LW.3,2
Tetrabrommethan	CBr_4		
Bromethan	$\text{CH}_3\text{-CH}_2\text{Br}$	<i>Äthylbromid</i>	F.-119°C, Kp.38,5°C, D.1,458
1,1-Dibromethan	$\text{CH}_3\text{-CHBr}_2$		
1,2-Dibromethan	$\text{CH}_2\text{Br-CH}_2\text{Br}$		F.10°C, Kp.132°C, D.2,180
1,1,2-Tribromethan	$\text{CHBr}_2\text{-CH}_2\text{Br}$		
1,1,2,2-Tetrabromethan	$\text{CHBr}_2\text{-CHBr}_2$		
1-Brompropan	$\text{CH}_3\text{-CH}_2\text{-CH}_2\text{Br}$	<i>n-Propylbromid</i>	F.-110°C, Kp.70,8°C, D.1,354
2-Brompropan	$\text{CH}_3\text{-CHBr-CH}_3$	<i>iso-Propylbromid</i>	F.-89°C, Kp.59,4°C, D.1,322
1,2-Dibrompropan	$\text{CH}_3\text{-CHBr-CH}_2\text{Br}$	<i>Propylenbromid</i>	F.-50°C, Kp.141°C, D.1,914
1,3-Dibrompropan	$\text{CH}_2\text{Br-CH}_2\text{-CH}_2\text{Br}$	<i>Trimethylenbromid</i>	F.-34°C, Kp.167°C, D.1,979
1,2,3-Tribrompropan	$\text{CH}_2\text{Br-CHBr-CH}_2\text{Br}$		F.16°C, Kp.220°C, D.2,411
1-Brombutan	$\text{CH}_3\text{-(CH}_2)_2\text{-CH}_2\text{Br}$	<i>n-Butylbromid</i>	F.-112°C, Kp.100°C, D.1,283
2-Brombutan	$\text{CH}_3\text{-CH}_2\text{-CHBr-CH}_3$	<i>sec-Butylbromid</i>	F.-112°C, Kp.91,3°C, D.1,251
1,4-Dibrombutan	$\text{CH}_2\text{Br-(CH}_2)_2\text{-CH}_2\text{Br}$	<i>Tetramethylenbromid</i>	F.-20°C D.1,825
1-Brompentan	$\text{CH}_3\text{-(CH}_2)_3\text{-CH}_2\text{Br}$	<i>n-Amylbromid</i>	F.-95°C, Kp.128°C, D.1,122
2-Brompentan	$\text{CH}_3\text{-(CH}_2)_2\text{-CHBr-CH}_3$		
3-Brompentan	$\text{CH}_3\text{-CH}_2\text{-CHBr-CH}_2\text{-CH}_3$		
1,5-Dibrompentan	$\text{CH}_2\text{Br-(CH}_2)_3\text{-CH}_2\text{Br}$	<i>Pentamethylenbromid</i>	F.-34°C, D.1,699
1-Bromhexan	$\text{CH}_3\text{-(CH}_2)_4\text{-CH}_2\text{Br}$	<i>Hexylbromid</i>	F.-85°C, Kp.155°C, D.1,175
2-Bromhexan	$\text{CH}_3\text{-(CH}_2)_3\text{-CHBr-CH}_3$	<i>2-Hexylbromid</i>	Kp.143°C, D.1,163
1,6-Dibromhexan	$\text{CH}_2\text{Br-(CH}_2)_4\text{-CH}_2\text{Br}$	<i>Hexamethylenbromid</i>	F.-2°C, Kp.243°C, D.1.605
1-Bromheptan	$\text{CH}_3\text{-(CH}_2)_5\text{-CH}_2\text{Br}$	<i>Heptylbromid</i>	F.-58°C, Kp.180°C, D.1,139
1-Bromoctan	$\text{CH}_3\text{-(CH}_2)_6\text{-CH}_2\text{Br}$	<i>Octylbromid</i>	F.-55°C, Kp.201°C, D.1,113
1,8-Dibromoctan	$\text{CH}_2\text{Br-(CH}_2)_6\text{-CH}_2\text{Br}$	<i>Octamethylenbromid</i>	F.15°C, Kp.271°C, D.1,465
1-Bromnonan	$\text{CH}_3\text{-(CH}_2)_7\text{-CH}_2\text{Br}$	<i>Nonylbromid</i>	Kp.201°C, D.1,087
1,9-Dibromnonan	$\text{CH}_2\text{Br-(CH}_2)_7\text{-CH}_2\text{Br}$	<i>Nonamethylenbromid</i>	Kp.287°C, D.1,412
1-Bromdecan	$\text{CH}_3\text{-(CH}_2)_8\text{-CH}_2\text{Br}$	<i>Decylbromid</i>	Kp.238°C, D.1,071
1,10-Dibromdecan	$\text{CH}_2\text{Br-(CH}_2)_8\text{-CH}_2\text{Br}$	<i>Decamethylenbromid</i>	F.25°C, D.1,34
1-Bromundecan	$\text{CH}_3\text{-(CH}_2)_9\text{-CH}_2\text{Br}$	<i>Undecylbromid</i>	F.-9°C, Kp.1,053
1-Bromdodecan	$\text{CH}_3\text{-(CH}_2)_{10}\text{-CH}_2\text{Br}$	<i>Laurylbromid</i>	F.-11°C, D.1,039
1-Bromtridecan	$\text{CH}_3\text{-(CH}_2)_{11}\text{-CH}_2\text{Br}$	<i>Tridecylbromid</i>	F.5°C, D.1,027
1-Bromtetradecan	$\text{CH}_3\text{-(CH}_2)_{12}\text{-CH}_2\text{Br}$	<i>Tetradecylbromid</i>	F.5°C, D.1,016
1-Bromhexadecan	$\text{CH}_3\text{-(CH}_2)_{14}\text{-CH}_2\text{Br}$	<i>Cetylbromid</i>	F.17°C, D.0,997

Verzweigte Brom-Kohlenwasserstoffe

1-Brom-2-methyl-propan	$\text{CH}_3\text{-CH}(\text{CH}_3)\text{-CH}_2\text{-Br}$	<i>iso-Butylbromid</i>	F.-118°C, Kp.91,4°C, D.1,272
2-Brom-2-methyl-propan	$\text{CH}_3\text{-CBr}(\text{CH}_3)\text{-CH}_3$	<i>tert-Butylbromid</i>	F.-20°C, Kp.74°C, D.1,217
1-Brom-3-methyl-butan	$\text{CH}_3\text{-CH}(\text{CH}_3)\text{-(CH}_2)_2\text{-Br}$	<i>iso-Amylbromid</i>	F.-112°C, Kp.120°C, D.1,209
2-Brom-2-methyl-butan	$\text{CH}_3\text{-CH}_2\text{-CBr}(\text{CH}_3)\text{-CH}_3$	<i>tert-Amylbromid</i>	Z.108°C, D.1,197
3-(Brommethyl)-heptan	$\text{CH}_3\text{-(CH}_2)_3\text{-CH}(\text{CH}_2\text{Br})\text{-CH}_2\text{-CH}_3$	<i>Isooctylbromid</i>	D.1,123

1,1-Dimethyl-1-brom-ethan	$\begin{array}{c} \text{CH}_3 \\ \\ \text{CH}_3\text{-C-Br} \\ \\ \text{CH}_3 \end{array}$	<i>tert-Butylbromid</i>	F.-20°C, Kp.73°C, D.1,189
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Iod-Kohlenwasserstoffe

Iodmethan	CH_3I	<i>Methyliodid</i>	F.-66,1°C, Kp.42,4°C, D.2,28, LW13
Diiodmethan	CH_2I_2	<i>Methyleniodid</i>	F.6°C, Z.181°C, D.3,322, LW.14
Triiodmethan	CHI_3	<i>Iodoform</i>	
Tetraiodmethan	CI_4		
Iodethan	$\text{CH}_3\text{-CH}_2\text{-I}$	<i>Äthyl iodid</i>	F.-111°C, Kp.72,3°C, D.1,933
1,2-Diiodethan	$\text{CH}_2\text{I-CH}_2\text{I}$	<i>Äthyleniodid</i>	F.81°C
1-Iodpropan	$\text{CH}_3\text{-(CH}_2)_2\text{-I}$	<i>n-Propyliodid</i>	F.-104°C, Kp.102°C, D.1,747
2-Iodpropan	$\text{CH}_3\text{-CH}_2\text{-CHI-CH}_3$	<i>iso-Propyliodid</i>	F.-93°C, Kp.89,5°C, D.1,711
1-Iodbutan	$\text{CH}_3\text{-(CH}_2)_3\text{-I}$	<i>n-Butyliodid</i>	F.-103°C, Kp.130°C, D.1,614
2-Iodbutan	$\text{CH}_3\text{-CHBr-CH}_3$	<i>sec-Butyliodid</i>	F.-104°C, Kp.117°C, D.1,595
1-Iodpentan	$\text{CH}_3\text{-(CH}_2)_4\text{-I}$	<i>n-Amyliodid</i>	F.-85,6°C, Kp.157°C, D.1,502
1-Iodhexan	$\text{CH}_3\text{-(CH}_2)_5\text{-I}$	<i>Hexyliodid</i>	Kp.181°C, D.1,437
1-Iodheptan	$\text{CH}_3\text{-(CH}_2)_6\text{-I}$	<i>Heptyliodid</i>	F.-48°C, Kp.204°C, D.1,377
1-Iodoctan	$\text{CH}_3\text{-(CH}_2)_7\text{-I}$	<i>Octyliodid</i>	F.-45°C, Kp.225°C, D.1,321
1-Ioddodecan	$\text{CH}_3\text{-(CH}_2)_{11}\text{-I}$	<i>Lauryliodid</i>	F.-3°C, D.1,197
1-Iodhexadecan	$\text{CH}_3\text{-(CH}_2)_{15}\text{-I}$	<i>Cetyliodid</i>	F.21°C, D.1,12

Verzweigte Iod-Kohlenwasserstoffe

1-Iod-2-methyl-propan	$\text{CH}_3\text{-CH}(\text{CH}_3)\text{-CH}_2\text{-I}$	<i>iso-Butyliodid</i>	F.-93,5°C, Kp.120°C, D.1,605
1-Iod-1,1-dimethyl-ethan	$\begin{array}{c} \text{CH}_3 \\ \\ \text{CH}_3\text{-C-Cl} \\ \\ \text{CH}_3 \end{array}$	<i>tert-Butyliodid</i>	F.-33,6°C, Kp.98°C, D.1,571 (0°C)
1-Iod-3-methyl-butan	$\text{CH}_3\text{-CH}(\text{CH}_3)\text{-CH}_2\text{-CH}_2\text{-I}$	<i>iso-Amyliodid</i>	Kp.147°C, D.1,501

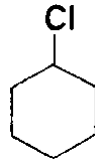
Gemischt halogenierte Kohlenwasserstoffe

Trichlorfluormethan	CCl_3F	F.-111°C, Kp.23,7°C, D.1,491, LW.1,1
Bromchlormethan	CH_2BrCl	F.-88°C, Kp.68°C, LW.9, D.1,926
Bromtrichlormethan	CBrCl_3	F.-5°C, Kp.104°C, D.2,009
Bromtrifluormethan	CBrF_3	F.-166°C, Kp.-58°C
Chlordifluormethan	CHF_2Cl	F.-160°C, Kp.-41°C, L.W.1,2(30°C)
Chlortrifluormethan	CF_3Cl	F.-181°C, Kp.-81°C
Dibromdifluormethan	CBr_2F_2	F.-141°C, Kp.25°C, L.W.1, D.2,272
Dichlordifluormethan	CF_2Cl_2	F.-158°C, Kp.-30°C
Dichlorfluormethan	CHFCl_2	F.-135°C, Kp.8°C
1-Brom-2-chlorethan	$\text{CH}_2\text{-Br-CH}_2\text{Cl}$	F.-17°C, Kp.107°C, D.1,731, LW.7
1,2-Dichlor-1,1,2,2-tetrafluorethan	$\text{CClF}_2\text{-CClF}_2$	F.-94°C, Kp.3,6°C
1-Chlor-1,1,2,2,2-pentafluorethan	$\text{CF}_3\text{-CF}_2\text{Cl}$	F.-106°C, Kp.-39°C
1,2-Dichlor-1,1,2,2-tetrafluorethan	$\text{CClF}_2\text{-CClF}_2$	Kp.3,6°C
1-Chlor-1,1-difluorethan	$\text{CH}_3\text{-CF}_2\text{Cl}$	F.-130°C, Kp.-9°C
1,2-Dibrom-1,1,2,2-tetrachlorethan	$\text{CBrCl}_2\text{-CBrCl}_2$	Z.220°C
1,2-Dibrom-1,2-dichlor-ethan	Br-CHCl-ClCH-Br	F.-27°C, Kp.195°C
1,1,2-Trichlortrifluorethan	$\text{CF}_2\text{Cl-CFCl}_2$	F.-36°C, Kp.48°C, D.1,575
1-Brom-3-chlor-2-methylpropan	$\text{CH}_2\text{Cl-CH(CH}_3\text{)-CH}_2\text{Br}$	D.1,482
1-Brom-3-chlor-propan	$\text{CH}_2\text{Cl-CH}_2\text{-CH}_2\text{Br}$	F.-59°C, Kp.142°C, D.1,596
1,1,1,2,2,3,3,4,4-Nonafluor-4-iod-butan	$\text{CF}_3\text{-CF}_2\text{-CF}_2\text{-CF}_2\text{I}$	D.2,05
1,1,1,2,2,3,3,4,4,5,5,6,6-Tridecafluor-6-iod-hexan	$\text{CF}_3\text{-CF}_2\text{-CF}_2\text{-CF}_2\text{-CF}_2\text{-CF}_2\text{I}$	F.-45°C, D.2,05

2 Halogenalkene und -alkine (*ungesättigte Halogenkohlenwasserstoffe*)

Bromethen	$\text{CH}_2=\text{CH}-\text{Br}$	<i>Vinylbromid</i>	F.-138°C, Kp.15,8°C, D.1,517 (14°C)
1,1-Dibromethen	$\text{Br}_2\text{C}=\text{CH}_2$		
1,2-Dibromethen	$\begin{array}{c} \text{H}-\text{C}-\text{Br} \\ \\ \text{H}-\text{C}-\text{Br} \end{array}$ cis	$\begin{array}{c} \text{H}-\text{C}-\text{Br} \\ \\ \text{Br}-\text{C}-\text{H} \end{array}$ trans	
	F.-53°C, Kp.112°C, D.1,913	F.-6,5°C, Kp.108°C, D.1,892	
Chlorethen	$\text{CH}_2=\text{CHCl}$	<i>Vinylchlorid</i>	F.-159°C, Kp.-13,9°C, LW.1
1,1-Difluorethen	$\text{CF}_2=\text{CH}_2$		F.-144°C, Kp.-82°C
1,1-Dichlorethen	$\text{CCl}_2=\text{CH}_2$	<i>Vinylidenchlorid</i>	F.-122°C, Kp.32°C, D.1,21, LW.2,3
1,2-Dichlorethen	$\text{CHCl}=\text{CHCl}$		
	cis: F.-80,5°C, Kp.60,3°C, D.1,291		trans: F.-50°C, Kp.48,4°C, D.1,265
1,2-Diiodethen	$\text{CHI}=\text{CHI}$		cis: F.-13,8°C, Kp.188°C, D.3,023 (11°C)
1,1,2-Trichlorethen	$\text{CHCl}=\text{CCl}_2$	<i>Tri</i>	F.-86°C, Kp.87°C, D.1,46, LW.0,4
Bromtrifluorethen	$\text{CF}_2=\text{CFBr}$		Kp.-4°C
1,1,2-Trifluor-2-chlorethen	$\text{CF}_2=\text{CFCl}$		
Tetrachlorethen	$\text{CCl}_2=\text{CCl}_2$	<i>Perchloräthylen</i>	F.-22,4°C, Kp.119°C, D.1,622
Tetrafluorethen	$\text{CF}_2=\text{CF}_2$	<i>Perbromethylen</i>	Kp.-76,3°C
Tetraiodethen	$\text{Cl}_2=\text{Cl}_2$	<i>Periodethylen</i>	F.189°C
3-Chlorprop-1-en	$\text{CH}_2=\text{CH}-\text{CH}_2\text{Cl}$	<i>Allylchlorid</i>	F.-136°C, Kp.44,6°C, D.0,938
1-Bromprop-1-en	$\text{CH}_3-\text{CH}=\text{CH}-\text{Br}$		
2-Bromprop-1-en	$\text{CH}_3-\text{CBr}=\text{CH}_2$		F.-125°C, Kp.48,4°C, D.1,396
3-Bromprop-1-en	$\text{CH}_2=\text{CH}-\text{CH}_2\text{Br}$	<i>Allylbromid</i>	F.-120°C, Kp.70°C, D.1,398
3-Iodprop-1-en	$\text{CH}_2=\text{CH}-\text{CH}_2\text{I}$	<i>Allyliodid</i>	F.-97°C, Kp.102°C, D.1,848
1,1,3,3-Tetrachlorpropen	$\text{CCl}_2=\text{CH}-\text{CHCl}_2$		D.1,505
Hexachlorpropen	$\text{CCl}_3-\text{CCl}=\text{CCl}_2$		Kp.209°C, D.1,761
3-Chlor-2-methyl-prop-1-en	$\text{CH}_2=\text{C}(\text{CH}_3)-\text{CH}_2\text{Cl}$	<i>β-Methallylchlorid</i>	F.-80°C, Kp.72°C, D.0,925
1-Chlor-2-methyl-prop-1-en	$\text{CH}_3-\text{C}(\text{CH}_3)=\text{CHCl}$	<i>Isocrotylchlorid</i>	Kp.68°C, D.0,921, LW.0,3
1-Chlorbut-2-en	$\text{CH}_3-\text{CH}=\text{CH}-\text{CH}_2\text{Cl}$	<i>Crotylchlorid</i>	cis trans
3-Chlorbut-1-en	$\text{CH}_2=\text{CH}-\text{CHCl}-\text{CH}_3$	<i>α-Methallylchlorid</i>	Kp.64°C, D.0,903
1,4-Dichlorbut-2-en	$\text{Cl}-\text{CH}_2-\text{CH}=\text{CH}-\text{CH}_2\text{Cl}$		cis trans
Hexachlor-buta-1,3-dien	$\text{CCl}_2=\text{CCl}-\text{CCl}=\text{CCl}_2$	<i>Tripen</i>	F.-21°C, Kp.215°C, D.1,681, LW.0,5
3-Bromprop-1-in	$\text{HC}\equiv\text{C}-\text{CH}_2\text{Br}$	<i>Propargylbromid</i>	F.-61°C, Kp.89°C, D.1,581
3-Chlorprop-1-in	$\text{HC}\equiv\text{C}-\text{CH}_2\text{Cl}$	<i>Propargylchlorid</i>	F.-78°C, Kp.57°C, D.1,037

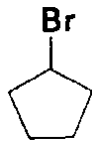
Halogenocycloalkane und -alkene



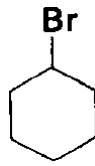
Chlorcyclohexan
Cyclohexylchlorid
F.-43,9°C, Kp.140°C, D.1,000



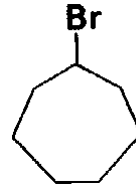
Bromcyclopropan
Cyclopropylbromid
Kp.69°C, D.1,507



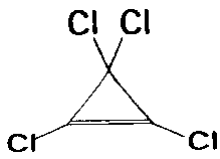
Bromcyclopentan
Cyclopentylbromid
D.1,392



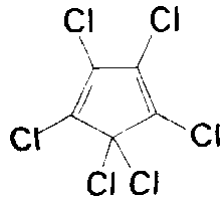
Bromcyclohexan
Cyclohexylbromid
Kp.164°C, D.1,335



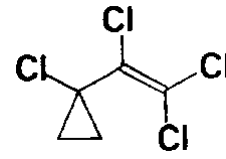
Bromcycloheptan
Cycloheptylbromid
D.1,307



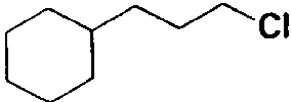
Tetrachlorcyclopropan
Kp.131°C, D.1,548



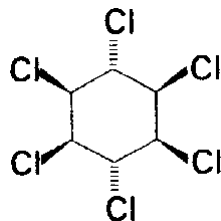
Hexachlorcyclopentadien
Perchlorcyclopentadien
F.9°C, Kp.239°C, D.1,709



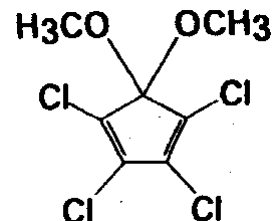
1-Chlor-1-(trichlorethenyl)-cyclopropan
D.1,461



(3-Chlorpropyl)-cyclohexan
F.-53°C, Kp.215°C, D.0,957

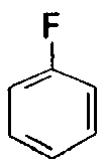


1,2,3,4,5,6-Hexachlorcyclohexan
HCH
F.113°C, Kp.288°C

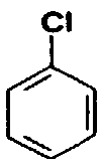


1,2,3,4-Tetrachlor-5,5-dimethoxycyclopentadien

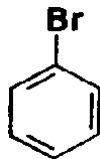
Aromatische Halogenkohlenwasserstoffe



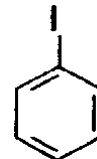
Fluorbenzen
F. -41,9°C, Kp. 84,7°C
D. 1,023



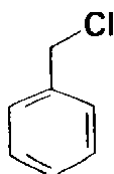
Chlorbenzen
F. -45,2°C, Kp. 131,7°C
D. 1,106



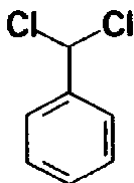
Brombenzen
F. -30,6°C, Kp. 156,2°C
D. 1,522(0°C)



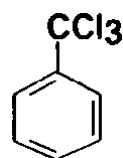
Iodbenzen
F. -31,3°C, Kp. 188,5°C
D. 1,822



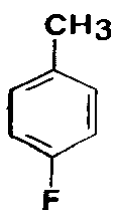
Chlormethylbenzen
Benzylchlorid
F. -41,1°C, Kp. 179,3°C
D. 1,100



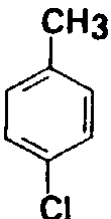
Dichlormethylbenzen
Benzalchlorid
F. -16,4°C, Kp. 205,2°C
D. 1,255



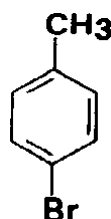
Trichlormethylbenzen
Benzotrichlorid
F. -4,8°C, Kp. 220,8°C
D. 1,38(14°C)



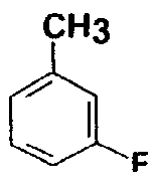
4-Fluortoluen
F. -56°C, Kp. 116°C, D. 0,997



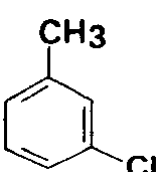
4-Chlortoluen
F. 7°C, Kp. 162°C, D. 1,070



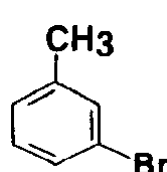
4-Bromtoluen
F. 26°C, Kp. 184°C



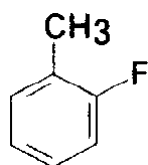
3-Fluortoluen
F. -87°C, Kp. 116°C, D. 0,997



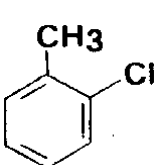
3-Chlortoluen
F. -47,8°C, Kp. 161°C, D. 1,072



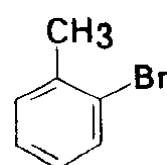
3-Bromtoluen
F. -39,8°C, Kp. 184°C, D. 1,410



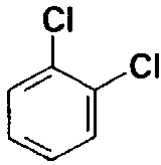
2-Fluortoluen
F. -62°C, Kp. 114°C, D. 1,005



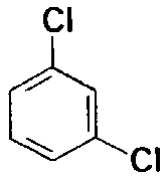
2-Chlortoluen
F. -34°C, Kp. 160°C, D. 1,019



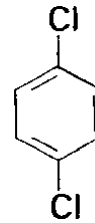
2-Bromtoluen
F. -25,8°C, Kp. 181°C, D. 1,422



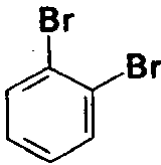
1,2-Dichlorbenzen
o-Dichlorbenzol
F.-17,5°C, Kp.179°C, D.1,305



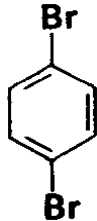
1,3-Dichlorbenzen
m-Dichlorbenzol
F.-24,4°C, Kp.172°C, D.1,288



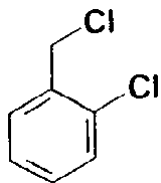
1,4-Dichlorbenzen
p-Dichlorbenzol
F.53°C, Kp.174°C



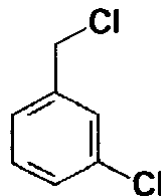
1,2-Dibrombenzen
F.6°C, D.1,98



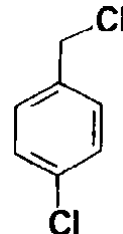
1,4-Dibrombenzen
F.85°C, Kp.220°C



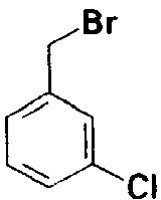
2-Chlor-1-chlormethyl-benzen
2-Chlorbenzylchlorid
F.-13°C, Kp.213°C, D.1,273



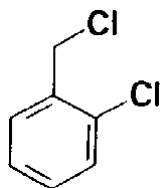
3-Chlor-1-chlormethylbenzen
3-Chlorbenzylchlorid
Kp.220°C, D.1,264



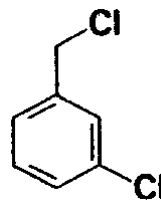
4-Chlor-1-chlormethylbenzen
4-Chlorbenzylchlorid
Kp.216°C, D.~1,26



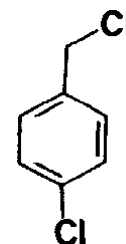
3-Chlorbenzylbromid
D.1,567



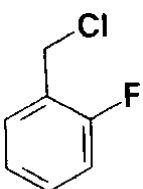
2-Chlorbenzylchlorid
F.-13°C, Kp.213°C, D.1,273



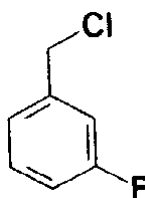
3-Chlorbenzylchlorid
Kp.221°C, D.1,264



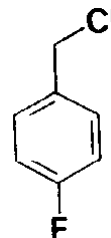
4-Chlorbenzylchlorid
Kp.216°C



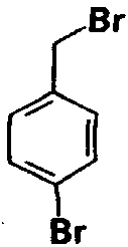
1-Chlormethyl-2-fluor-benzen
2-Fluorbenzylchlorid
D.1,216



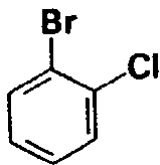
1-Chlormethyl-3-fluor-benzen
3-Fluorbenzylchlorid
D.1,213, LW.40



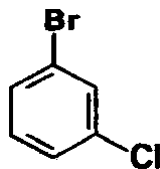
1-Chlormethyl-4-fluor-benzen
4-Fluorbenzylchlorid
D.1,213



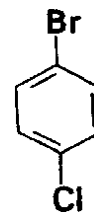
4-Brom-1-brommethylbenzen
4-Brombenzylbromid
F.59°C



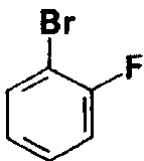
1-Brom-2-chlorbenzen
Kp.204°C, D.1,652



1-Brom-3-chlorbenzen
Kp.196°C, D.1,63

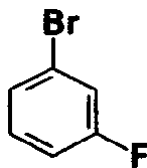


1-Brom-4-chlorbenzen
F.65°C, Kp.196°C



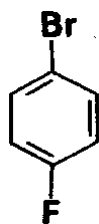
1-Brom-2-fluor-benzen
trimethylbenzen

Kp.156°C, D.1,613



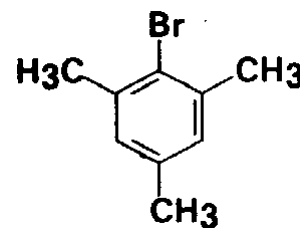
1-Brom-3-fluor-benzen

D.1,593



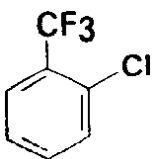
1-Brom-4-fluor-benzen

F.-17°C, Kp.151°C, D.1,601

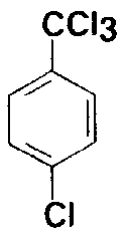


2-Brom-1,3,5-

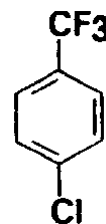
2-Brommesitylen
F.0°C, D.1,323



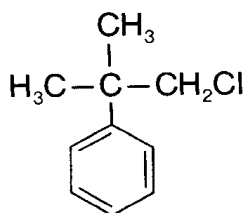
2-Chlor-trifluormethylbenzen
2-Chlor-benzotrifluorid
F.-7°C, Kp.152°C, D.1,369



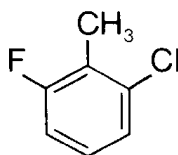
4-Chlor-trichlormethylbenzen
4-Chlorbenzotrichlorid
F.5°C, D.1,484



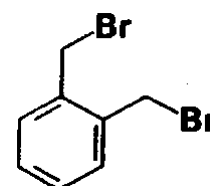
4-Chlor-trifluormethylbenzen
4-Chlorbenzotrifluorid
F.-36°C, Kp.137°C, D.1,341



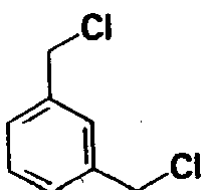
1-Chlor-2-methyl-propan-2-diyl-benzen
Neophylchlorid
D.1,042(25°C)



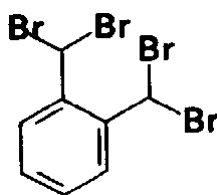
2-Chlor-6-fluor-1-methyl-benzen
2-Chlor-6-fluortoluol
Kp.155°C, D.1,191



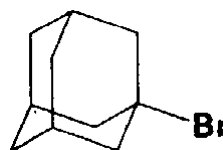
1,2-Bis(brommethyl)-benzen
o-Xylylendibromid
F.91°C



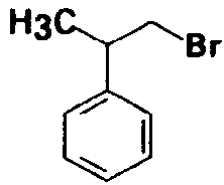
1,3-Bis(chlormethyl)-benzen
F.34°C, Kp.253°C



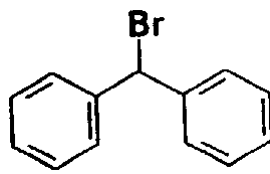
1,2-Bis(dibrommethyl)-benzen
F.115°C



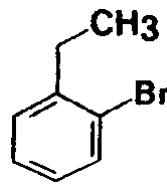
1-Bromadamantan
F.116°C



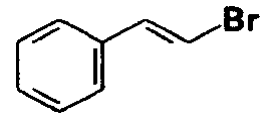
1-Brom-2-phenyl-propan
β-Bromcumol
D.1,315



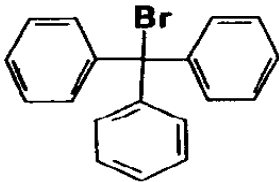
Diphenylbrommethan
F.37°C



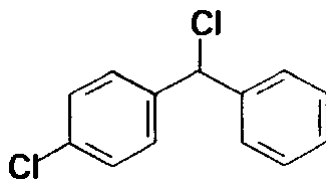
1-Brom-2-ethyl-benzen
Kp.199°C, D.1,356



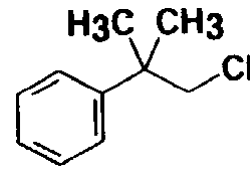
1-Brom-2-phenyl-ethen
ω-Bromstyrol
F.7°C, D.1,421



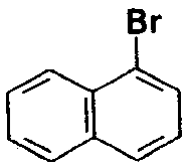
Bromtriphenylmethan
F.151°C



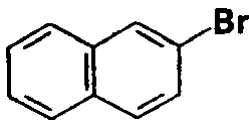
Chlor-(4-chlorphenyl)-phenylmethan
p-Chlorbenzhydrylchlorid
D.1,243



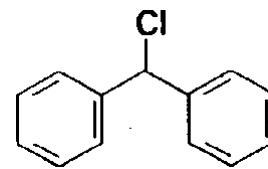
(2-Chlor-1,1-dimethylethyl)-benzen
Neophylchlorid
D.1,042



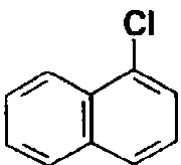
1-Bromnaphthalen
F.1°C, Kp.281°C, D.1,485



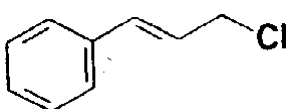
2-Bromnaphthalen
F.53°C, Kp.282°C



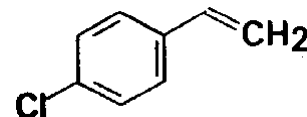
Chlordiphenylmethan
Benzhydrylchlorid
F.21°C, D.1,14



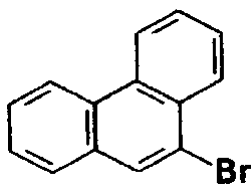
1-Chlornaphthalin
F.6°C, Kp.259°C, D.1,192



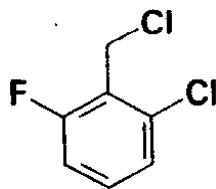
(E)-3-Chlor-1-phenyl-prop-1-en
trans - Cinnamylchlorid
F.7°C, D.1,092



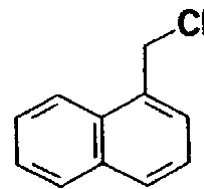
4-Chlor-1-ethenyl-benzen
4-Chlorstyrol
Kp.192°C, D.1,087



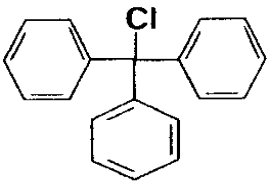
9-Bromphenanthren
F.63°C



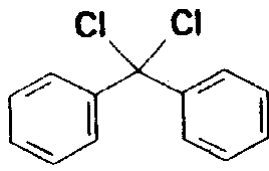
2-Chlor-1-chlormethyl-6-fluor-benzen
D.1,367



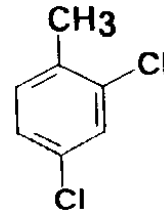
1-(Chlormethyl)-naphthalin
F.28°C



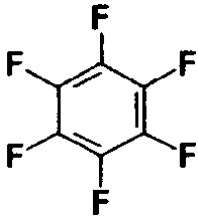
Chlorotriphenylmethan
Tritylchlorid
F.111°C



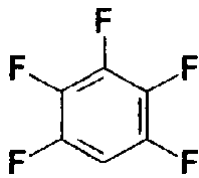
Dichlordiphenylmethan
D.1,249



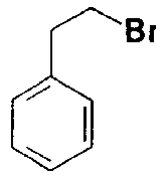
2,4-Dichlor-1-methyl-benzen
2,4-Dichlortoluol
F.13°C, Kp.200°C, D.1,248



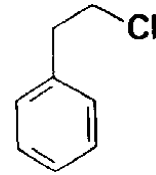
Hexafluorbenzen
F.5°C, Kp.80°C, D.1,618



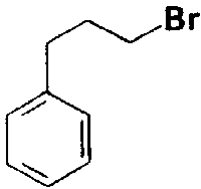
Pentafluorbenzen
F.-48°C, Kp.85°C, D.1,525



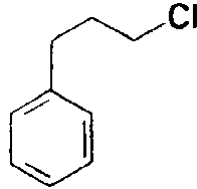
(2-Bromethyl)-benzen
Kp.219°C, D.1,368



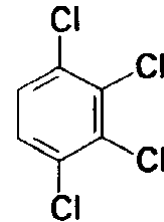
(2-Chlorethyl)-benzen
D.1,07



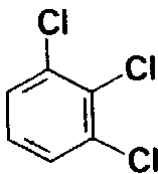
(3-Bromopropyl)-benzen
D.1,314



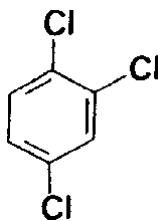
(3-Chloropropyl)-benzen
F.-27°C, D.1,046



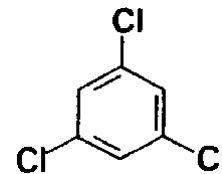
1,2,3,4-Tetrachlorbenzen
F.43°C, Kp.254°C



1,2,3-Trichlorbenzen
F.53°C, Kp.221°C



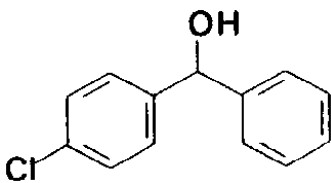
1,2,4-Trichlorbenzen
F.17°C, Kp.213°C, D.1,454



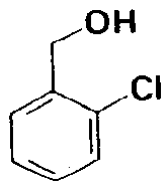
1,3,5-Trichlorbenzen
F.63°C, Kp.209°C

5 Halogenalkohole

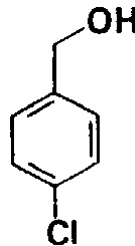
2-Bromethanol	$\text{CH}_2\text{Br}-\text{CH}_2\text{OH}$		D.1.762
2-Chlorethanol	$\text{CH}_2\text{Cl}-\text{CH}_2\text{OH}$		F.-67,5°C, Kp.129°C, D.1,202
2-Fluorethanol	$\text{CH}_2\text{F}-\text{CH}_2\text{OH}$		F.-26,5°C, Kp.103°C, D.1,111
2,2-Difluorethanol	$\text{CHF}_2-\text{CH}_2\text{OH}$		F.-28,2°C, Kp.96°C, D.1,308
2,2,2-Trichlorethanol	$\text{CCl}_3-\text{CH}_2\text{OH}$		F.17°C, Z.151°C, D.1,550
2,2,2-Trifluorethanol	$\text{CF}_3-\text{CH}_2\text{OH}$		F.-44°C, Kp.73°C, D.1,390
3-Brompropan-1-ol	$\text{CH}_2\text{Br}-\text{CH}_2-\text{CH}_2\text{OH}$		D.~1,6, LW167
3-Chlorpropan-1,2-diol	$\text{CH}_2\text{Cl}-\text{CH}(\text{OH})-\text{CH}_2\text{OH}$	<i>α-Chlorhydrin</i>	Z.213°C, D.1,321
3-Chlorpropan-1-ol	$\text{CH}_2\text{Cl}-\text{CH}_2-\text{CH}_2\text{OH}$	<i>Trimethylenchlorhydrin</i>	F.-20°C, Z.160°C, LW50, D.1,14
2,3-Dibrompropan-1-ol	$\text{CH}_2\text{Br}-\text{CHBr}-\text{CH}_2\text{OH}$		Kp.219°C, D.2,116
1,3-Dichlorpropan-2-ol	$\text{CH}_2\text{Cl}-\text{CH}(\text{OH})-\text{CH}_2\text{Cl}$	<i>Glycerin-1,3-dichlorhydrin</i>	F.-4°C, Kp.174°C, D.1,364, LW110
2,3-Dichlorpropan-1-ol	$\text{CH}_2\text{Cl}-\text{CHCl}-\text{CH}_2\text{OH}$		D.1,360
1,1,1,3,3,3-Hexafluorpropan-2-ol	$\text{CF}_3-\text{CH}(\text{OH})-\text{CF}_3$		F.-3°C, Kp.58°C, D.1,616



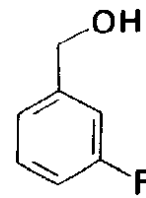
4-Chlorbenzhydrol
F.58°C



2-Chlorbenzylalcohol
F.70°C, Kp.230°C



4-Chlorbenzylalcohol
F.68°C, LW2,5

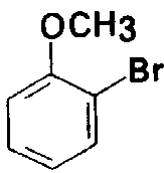


3-Fluorbenzylalcohol
Kp.201°C, D.1,169

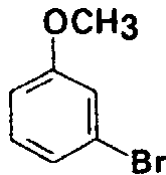
6

Halogenether

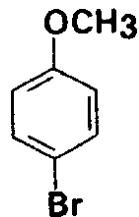
Ethoxy-2-chlorethan	$\text{CH}_3\text{-CH}_2\text{-O-CH}_2\text{-CH}_2\text{Cl}$	(2-Chloräthyl)-äthyläther	Kp.108°C, D.0,991
1-Chlorethoxymethan	$\text{CH}_3\text{-CHCl-O-CH}_3$		
2-Chlorethoxymethan	$\text{CH}_2\text{Cl-CH}_2\text{-O-CH}_3$	Chloräthylmethyläther	Kp.92°C, D.1,040
Chlormethoxymethan	$\text{CH}_2\text{Cl-O-CH}_3$	Chlordimethyläther	F.-103°C, Kp.59°C, D.1,070
Brommethoxybrommethan	$\text{CH}_2\text{Br-O-CH}_2\text{Br}$	Dibromdimethyläther	F.-34°C, Kp.154°C, D.2,203
Chlorethoxychlorethan	$\text{CH}_2\text{Cl-CH}_2\text{-O-CH}_2\text{-CH}_2\text{Cl}$	2,2'-Dichlordiäthyläther	F.-50°C, Kp.177°C, D.1,218
Dichlormethoxymethan	$\text{CHCl}_2\text{-O-CH}_3$	(Dichlormethyl)-methyläther	Kp.86°C, D.1,295



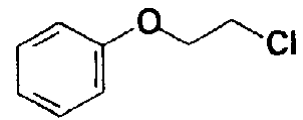
2-Brom-1-methoxybenzen
2-Bromanisol
F.2°C, Kp.223°C, D.1,515



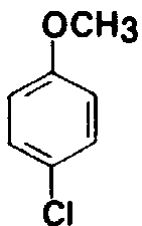
3-Brom-1-methoxybenzen
3-Bromanisol
F.2°C, Kp.223°C, D.1,490



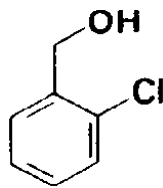
4-Brom-1-methoxybenzen
4-Bromanisol
F.10°C, Kp.223°C, D.1,496



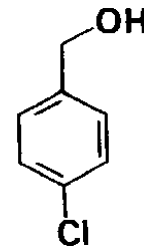
2-Chlorethoxybenzen
2-Chloräthylphenyläther
Kp.218°C, D.1,147



4-Chlor-1-methoxybenzen
4-Chloranisol
Kp.200°C, D.1,172

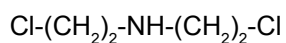
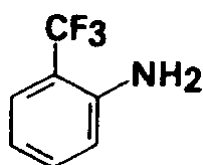


2-Chlor-1-hydroxymethylbenzen
2-Chlorbenzylalkohol
F.69°C, Kp.230°C

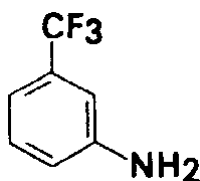


4-Chlor-1-hydroxymethylbenzen
4-Chlorbenzylalkohol
F.69°C, LW.2,5

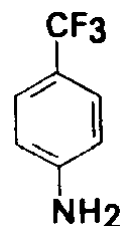
Bis(2-chlorethyl)amin

*N*-Yperit

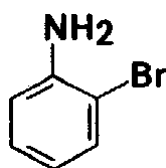
2-(Trifluormethyl)-aminobenzen
2-Aminobenzotrifluorid
 Kp.171°C, D.1,295



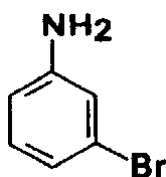
3-(Trifluormethyl)-aminobenzen
3-Aminobenzotrifluorid
 F.6°C, Kp.187°C, D.1,295, LW9



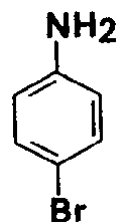
4-(Trifluormethyl)-aminobenzen
4-Aminobenzotrifluorid
 F.~5°C, D.1,295



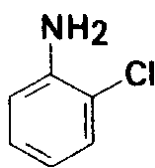
1-Amino-2-brom-benzen
2-Bromanilin
 F.28°C, Kp.229°C



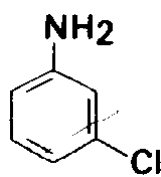
1-Amino-3-brom-benzen
3-Bromanilin
 F.16°C, Kp.251°C, D.1,583



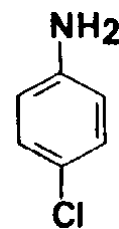
1-Amino-4-brom-benzen
4-Bromanilin
 F.61°C



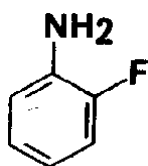
1-Amino-2-chlor-benzen
2-Chloranilin
 F.-3°C, Kp.207°C, D.1,211



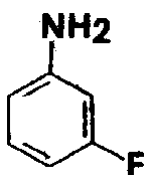
1-Amino-3-chlor-benzen
3-Chloranilin
 F.-10°C, Kp.230°C, D.1,215



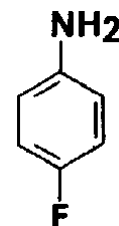
1-Amino-4-chlor-benzen
4-Chloranilin
 F.70°C, Kp.232°C



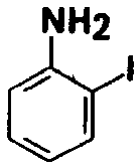
1-Amino-2-fluor-benzen
2-Fluoranilin
 F.-29°C, Kp.175°C, D.1,143



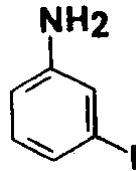
1-Amino-3-fluor-benzen
3-Fluoranilin
 D.1,155



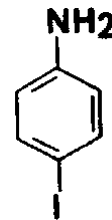
1-Amino-4-fluor-benzen
4-Fluoranilin
 F.-1°C, Kp.187°C, D.1,158



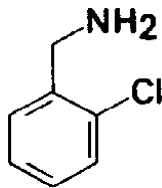
1-Amino-2-iod-benzen
2-Iodanilin
F.55°C



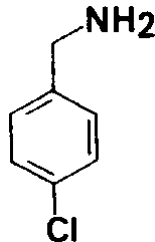
1-Amino-3-iod-benzen
3-Iodanilin
F.25°C, D.1,901



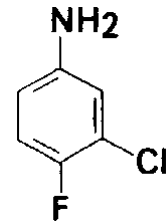
1-Amino-4-iod-benzen
4-Iodanilin
F.63°C



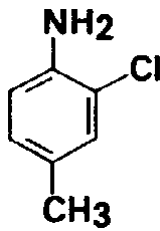
1-Aminomethyl-2-chlor-benzen
2-Chlorbenzylamin
D.1,171



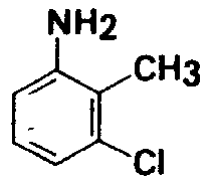
1-Aminomethyl-4-chlor-benzen
4-Chlorbenzylamin
D.1,158



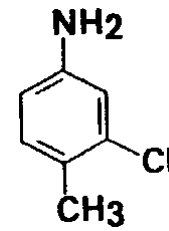
1-Amino-3-chlor-4-fluor-benzen
F.43°C, Kp.230°C, LW.10



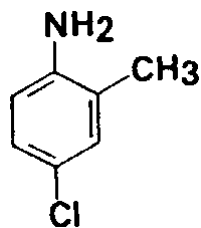
1-Amino-2-chlor-4-methyl-benzen
2-Chlor-p-toluidin
F.7°C, Kp.223°C, D.1,162



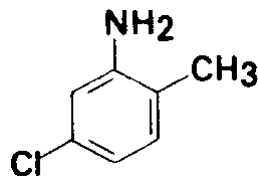
1-Amino-3-chlor-2-methyl-benzen
3-Chlor-o-toluidin
F.2°C, Kp.243°C, D.1,188



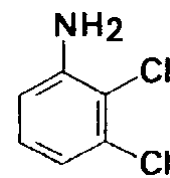
1-Amino-3-chlor-4-methyl-benzen
3-Chlor-p-toluidin
F.25°C, Kp.238°C, D.1,175



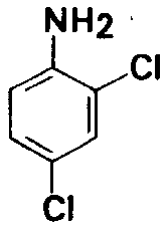
1-Amino-4-chlor-2-methyl-benzen
4-Chlor-o-toluidin
F.25°C, Kp.241°C



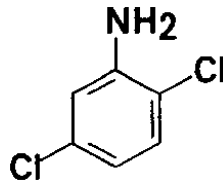
1-Amino-5-chlor-2-methyl-benzen
5-Chlor-o-toluidin
F.27°C, Kp.237°C



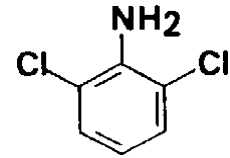
1-Amino-2,3-dichlor-benzen
2,3-Dichloranilin
F.25°C, Kp.252°C



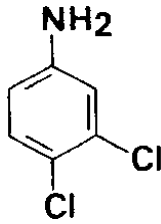
1-Amino-2,4-dichlor-benzen
2,4-Dichloranilin
 F.61°C, Kp.242°C



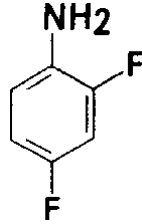
1-Amino-2,5-dichlor-benzen
2,5-Dichloranilin
 F.47°C, Kp.251°C



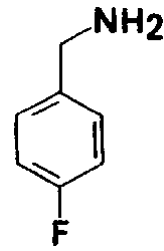
1-Amino-2,6-dichlor-benzen
2,6-Dichloranilin
 F.37°C, LW.1,6



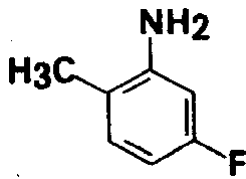
1-Amino-3,4-dichlor-benzen
3,4-Dichloranilin
 F.72°C, Kp.272°C



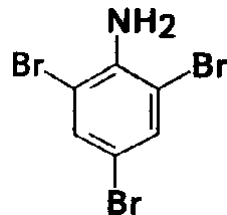
1-Amino-2,4-difluor-benzen
2,4-Difluoranilin
 F.-7°C, Kp.170°C, D.1,281



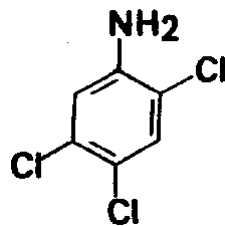
1-Aminomethyl-4-fluor-benzen
4-Fluorbenzylamin
 F.183°C, D.1,102



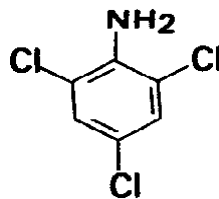
1-Amino-5-fluor-2-methyl-benzen
2-Methyl-5-fluoranilin
 F.37°C



1-Amino-2,4,6-tribrom-benzen
2,4,6-Tribromanilin
 F.119°C, Kp.300°C



1-Amino-2,4,5-trichlor-benzen
2,4,5-Trichloranilin
 F.95°C, Kp.270°C



1-Amino-2,4,6-trichlor-benzen
2,4,6-Trichloranilin
 F.77°C, Kp.262°C