Borane, chlorodimethoxy-

Other names:	Chlorodimethoxyborane
	Dimethoxyboron chloride
	Dimethyl chloroborate
Inchi:	InChI=1S/C2H6BClO2/c1-5-3(4)6-2/h1-2H3
InchiKey:	OBOQYRKDOSNKFJ-UHFFFAOYSA-N
Formula:	C2H6BClO2
SMILES:	COB(Cl)OC
Mol. weight [g/mol]:	108.33
CAS:	868-81-5

Physical Properties

Property code	Value	Unit	Source
hvap	34.30 ± 1.20	kJ/mol	NIST Webbook
ie	10.83	eV	NIST Webbook
logp	0.503		Crippen Method

Sources

Cheméo Relay (1.0):	
Cheméo Relay (1.0, beta):	
NIST Webbook:	http://webbook.nist.gov/cgi/cbook.cgi?ID=C868815&Units=SI
Crippen Method:	http://pubs.acs.org/doi/abs/10.1021/ci990307l
Crippen Method:	https://www.chemeo.com/doc/models/crippen_log10ws

Legend

hvap:	Enthalpy of vaporization at standard conditions
ie:	Ionization energy
logp:	Octanol/Water partition coefficient

Latest version available from:

https://www.chemeo.com/cid/81-234-2/Borane-chlorodimethoxy.pdf

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