

dichloroborane

Other names:	Borane, dichloro-
Inchi:	InChI=1S/BCl2H/c2-1-3/h1H
InchiKey:	LHCGBIFHSCCRRG-UHFFFAOYSA-N
Formula:	BCl2H
SMILES:	CIBCl
Mol. weight [g/mol]:	82.72
CAS:	10325-39-0

Physical Properties

Property code	Value	Unit	Source
ie	11.91 ± 0.02	eV	NIST Webbook
log10ws	1.42		Crippen Method
logp	0.730		Crippen Method

Sources

Crippen Method:	https://www.chemeo.com/doc/models/crippen_log10ws
NIST Webbook:	http://webbook.nist.gov/cgi/cbook.cgi?ID=C10325390&Units=SI
Crippen Method:	http://pubs.acs.org/doi/abs/10.1021/ci990307l

Legend

ie:	Ionization energy
log10ws:	Log10 of Water solubility in mol/l
logp:	Octanol/Water partition coefficient

Latest version available from:

<https://www.chemeo.com/cid/30-069-2/dichloroborane.pdf>

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