

Chlorodiethylborane

Inchi:	InChI=1S/C4H10BCl/c1-3-5(6)4-2/h3-4H2,1-2H3
InchiKey:	PRJQLUNGZQZONS-UHFFFAOYSA-N
Formula:	C4H10BCl
SMILES:	CCB(Cl)CC
Mol. weight [g/mol]:	104.39
CAS:	5314-83-0

Physical Properties

Property code	Value	Unit	Source
ie	10.30 ± 0.10	eV	NIST Webbook
log10ws	0.26		Crippen Method
logp	2.256		Crippen Method

Sources

Crippen Method:	http://pubs.acs.org/doi/abs/10.1021/ci9903071
Crippen Method:	https://www.chemeo.com/doc/models/crippen_log10ws
NIST Webbook:	http://webbook.nist.gov/cgi/cbook.cgi?ID=C5314830&Units=SI

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/52-736-7/Chlorodiethylborane.pdf>

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