

Methylthiothichloroborane

Inchi:	InChI=1S/CH3BCl2S/c1-5-2(3)4/h1H3
InchiKey:	SMLSWFRUBVGMKT-UHFFFAOYSA-N
Formula:	CH3BCl2S
SMILES:	CSB(Cl)Cl
Mol. weight [g/mol]:	128.82
CAS:	29878-05-5

Physical Properties

Property code	Value	Unit	Source
ie	10.45	eV	NIST Webbook
log10ws	0.32		Crippen Method
logp	1.812		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=C29878055&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/20-711-9/Methylthiothichloroborane.pdf>

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