

Methoxydiiodoborane

Inchi:	InChI=1S/CH3BI2O/c1-5-2(3)4/h1H3
InchiKey:	AGVWUGLGSFZUEJ-UHFFFAOYSA-N
Formula:	CH3BI2O
SMILES:	COB(I)I
Mol. weight [g/mol]:	295.65
CAS:	29878-00-0

Physical Properties

Property code	Value	Unit	Source
ie	9.21	eV	NIST Webbook
log10ws	-0.47		Crippen Method
logp	1.488		Crippen Method

Sources

NIST Webbook:	http://webbook.nist.gov/cgi/cbook.cgi?ID=C29878000&Units=SI
Crippen Method:	http://pubs.acs.org/doi/abs/10.1021/ci990307l
Crippen Method:	https://www.chemeo.com/doc/models/crippen_log10ws

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/43-123-7/Methoxydiiodoborane.pdf>

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