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