Methylarsine dibromide

Other names: Methyl dibromoarsine
Inchi: InChI=1S/CH3AsBr2/c1-2(3)4/h1H3
InchiKey: RXFWSEDXSMDNEI-UHFFFAOYSA-N
Formula: CH3AsBr2
SMILES: C[As](Br)Br
Mol. weight [g/mol]: 249.76
CAS: 676-70-0

Physical Properties

Property code	Value	Unit	Source
log10ws	0.23		Crippen Method
logp	1.894		Crippen Method

Temperature Dependent Properties

Property code	Value	Unit	Temperature [K]	Source
hvapt	49.90	kJ/mol	313.00	NIST Webbook

Sources

Crippen Method: http://pubs.acs.org/doi/abs/10.1021/ci990307l
Crippen Method: https://www.chemeo.com/doc/models/crippen_log10ws
NIST Webbook: http://webbook.nist.gov/cgi/cbook.cgi?ID=C676700&Units=SI

Legend

hvapt: Enthalpy of vaporization at a given temperature
log10ws: Log10 of Water solubility in mol/l

logp: Octanol/Water partition coefficient