

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

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