

Arsinous bromide, diethyl-

Other names:	Arsine, bromodiethyl- Bromodiethylarsine
Inchi:	InChI=1S/C4H10AsBr/c1-3-5(6)4-2/h3-4H2,1-2H3
InchiKey:	XSRIWOPVDMJSMI-UHFFFAOYSA-N
Formula:	C4H10AsBr
SMILES:	CC[As](Br)CC
Mol. weight [g/mol]:	212.95
CAS:	3399-96-0

Physical Properties

Property code	Value	Unit	Source
log10ws	-0.01		Crippen Method
logp	2.413		Crippen Method

Pressure Dependent Properties

Property code	Value	Unit	Pressure [kPa]	Source
tbrp	320.00	K	0.70	NIST Webbook

Sources

NIST Webbook:	http://webbook.nist.gov/cgi/cbook.cgi?ID=C3399960&Units=SI
Crippen Method:	http://pubs.acs.org/doi/abs/10.1021/ci990307I
Crippen Method:	https://www.chemeo.com/doc/models/crippen_log10ws

Legend

log10ws: Log10 of Water solubility in mol/l

logp: Octanol/Water partition coefficient

tbrp: Boiling point at reduced pressure

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