

Silane, (bromomethyl)trimethyl-

Other names:	(Bromomethyl)trimethylsilane
Inchi:	InChI=1S/C4H11BrSi/c1-6(2,3)4-5/h4H2,1-3H3
InchiKey:	ACAUYCZBWABOLI-UHFFFAOYSA-N
Formula:	C4H11BrSi
SMILES:	C[Si](C)(C)CBr
Mol. weight [g/mol]:	167.12
CAS:	18243-41-9

Physical Properties

Property code	Value	Unit	Source
log10ws	0.52		Crippen Method
logp	2.259		Crippen Method
tb	389.50 ± 0.50	K	NIST Webbook

Sources

Crippen Method:	http://pubs.acs.org/doi/abs/10.1021/ci9903071
Crippen Method:	https://www.chemeo.com/doc/models/crippen_log10ws
NIST Webbook:	http://webbook.nist.gov/cgi/cbook.cgi?ID=C18243419&Units=SI

Legend

log10ws:	Log10 of Water solubility in mol/l
logp:	Octanol/Water partition coefficient
tb:	Normal Boiling Point Temperature

Latest version available from:

<https://www.chemeo.com/cid/14-694-6/Silane-bromomethyl-trimethyl.pdf>

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