

Methylamine, 1-(trimethylsilyl)-

Other names:	1-(trimethylsilyl)methylamine Trimethylsilylmethylamine
Inchi:	InChI=1S/C4H13NSi/c1-6(2,3)4-5/h4-5H2,1-3H3
InchiKey:	YVWPNDBYAAEZBF-UHFFFAOYSA-N
Formula:	C4H13NSi
SMILES:	C[Si](C)(C)CN
Mol. weight [g/mol]:	103.24
CAS:	18166-02-4

Physical Properties

Property code	Value	Unit	Source
ie	9.07	eV	NIST Webbook
log10ws	1.51		Crippen Method
logp	0.823		Crippen Method

Sources

Crippen Method:	https://www.chemeo.com/doc/models/crippen_log10ws
NIST Webbook:	http://webbook.nist.gov/cgi/cbook.cgi?ID=C18166024&Units=SI
Crippen Method:	http://pubs.acs.org/doi/abs/10.1021/ci9903071

Legend

ie:	Ionization energy
log10ws:	Log10 of Water solubility in mol/l
logp:	Octanol/Water partition coefficient

Latest version available from:

<https://www.chemeo.com/cid/31-780-1/Methylamine-1-trimethylsilyl.pdf>

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