

N,O-Bis(trimethylsilyl)hydroxylamine

Other names:	Silanamine, 1,1,1-trimethyl-N-[(trimethylsilyl)oxy]- 1,1,1-trimethyl-N-[(trimethylsilyl)oxy]silylamine Hydroxylamine, 2tms derivative
Inchi:	InChI=1S/C6H19NOSi2/c1-9(2,3)7-8-10(4,5)6/h7H,1-6H3
InchiKey:	ZAEUMMRLGAMWKE-UHFFFAOYSA-N
Formula:	C6H19NOSi2
SMILES:	C[Si](C)(C)NO[Si](C)(C)C
Mol. weight [g/mol]:	177.39
CAS:	22737-37-7

Physical Properties

Property code	Value	Unit	Source
log10ws	2.30		Crippen Method
logp	2.177		Crippen Method

Sources

Crippen Method:	https://www.chemeo.com/doc/models/crippen_log10ws
NIST Webbook:	http://webbook.nist.gov/cgi/cbook.cgi?ID=C22737377&Units=SI
Crippen Method:	http://pubs.acs.org/doi/abs/10.1021/ci9903071

Legend

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

Latest version available from:

<https://www.chemeo.com/cid/26-860-8/N-O-Bis-trimethylsilyl-hydroxylamine.pdf>

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