

Tris(trimethylsilyl)hydroxylamine

Other names:	O-Trimethylsiloxy-N,N-bis(trimethylsilyl)amine 2,2,5,5-Tetramethyl-4-(trimethylsilyl)-3-oxa-4-aza-2,5-disilohexane Hydroxylamine, N,N,O-tris-TMS Hydroxylamine, 3tms derivative
Inchi:	InChI=1S/C9H27NOSi3/c1-12(2,3)10(13(4,5)6)11-14(7,8)9/h1-9H3
InchiKey:	WEFDIXZMPUWSQQ-UHFFFAOYSA-N
Formula:	C9H27NOSi3
SMILES:	C[Si](C)(C)ON([Si](C)(C)C)[Si](C)(C)C
Mol. weight [g/mol]:	249.57
CAS:	21023-20-1

Physical Properties

Property code	Value	Unit	Source
log10ws	3.61		Crippen Method
logp	3.725		Crippen Method
rinpol	1111.00		NIST Webbook
rinpol	1125.00		NIST Webbook
rinpol	1104.00		NIST Webbook

Sources

NIST Webbook:	http://webbook.nist.gov/cgi/cbook.cgi?ID=C21023201&Units=SI
Crippen Method:	http://pubs.acs.org/doi/abs/10.1021/ci9903071
Crippen Method:	https://www.chemeo.com/doc/models/crippen_log10ws

Legend

log10ws:	Log10 of Water solubility in mol/l
logp:	Octanol/Water partition coefficient
rinpol:	Non-polar retention indices

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