

# N,O-Bis(tert-butyl dimethylsilyl)hydroxylamine

<b>Other names:</b>	[Dimethyl-(t-butyl dimethylsilyloxyamino)silyl]t-butane 1,1-Dimethyl-1-tert-butyl-N-((tert-butyl dimethylsilyl)oxy)silylamine Silanamine, 1,1-dimethyl--1-tert-butyl-N-[(tert-butyl dimethylsilyl)oxy]- 2-[[[tert-Butyl(dimethyl)silyl]oxyamino]-dimethylsilyl]-2-methylpropane Hydroxylamine, N,O-bis-DMTBS
<b>Inchi:</b>	InChI=1S/C12H31NOSi2/c1-11(2,3)15(7,8)13-14-16(9,10)12(4,5)6/h13H,1-10H3
<b>InchiKey:</b>	VRBTWDXRFWKHO-UHFFFAOYSA-N
<b>Formula:</b>	C12H31NOSi2
<b>SMILES:</b>	CC(C)(C)[Si](C)(C)NO[Si](C)(C)C(C)(C)C
<b>Mol. weight [g/mol]:</b>	261.55

## Physical Properties

Property code	Value	Unit	Source
log10ws	-0.21		Crippen Method
logp	4.518		Crippen Method
rinpol	1266.00		NIST Webbook

## Sources

<b>Crippen Method:</b>	<a href="https://www.chemeo.com/doc/models/crippen_log10ws">https://www.chemeo.com/doc/models/crippen_log10ws</a>
<b>NIST Webbook:</b>	<a href="http://webbook.nist.gov/cgi/cbook.cgi?ID=U366601&amp;Units=SI">http://webbook.nist.gov/cgi/cbook.cgi?ID=U366601&amp;Units=SI</a>
<b>Crippen Method:</b>	<a href="http://pubs.acs.org/doi/abs/10.1021/ci9903071">http://pubs.acs.org/doi/abs/10.1021/ci9903071</a>

## Legend

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

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