

# Acetamide, O,N-bis-DMTBS

<b>Inchi:</b>	InChI=1S/C14H33NOSi2/c1-12(15-17(8,9)13(2,3)4)16-18(10,11)14(5,6)7/h1-11H3/b15-1
<b>InchiKey:</b>	XFPQBAQQJIQJLY-QINSGFPZSA-N
<b>Formula:</b>	C14H33NOSi2
<b>SMILES:</b>	CC(=N[Si](C)(C)C(C)(C)C)O[Si](C)(C)C(C)(C)C
<b>Mol. weight [g/mol]:</b>	287.59

## Physical Properties

Property code	Value	Unit	Source
log10ws	-0.53		Crippen Method
logp	5.432		Crippen Method
rinpol	1385.00		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=R65285&amp;Units=SI">http://webbook.nist.gov/cgi/cbook.cgi?ID=R65285&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

Latest version available from:

<https://www.chemeo.com/cid/27-849-0/Acetamide-O-N-bis-DMTBS.pdf>

Generated by Cheméo on 2024-05-01 09:02:46.024914373 +0000 UTC m=+16843414.945491689.

Cheméo (<https://www.chemeo.com>) is the biggest free database of chemical and physical data for the process industry.