

# 3-Amino-1-propanol, tert-butyldimethylsilyl ether

<b>Other names:</b>	(3-Pyrrol[tert-butyl(dimethyl)silyl]oxymorphopropyl)amine 3-Aminopropanol, tbdms derivative
<b>Inchi:</b>	InChI=1S/C9H23NOSi/c1-9(2,3)12(4,5)11-8-6-7-10/h6-8,10H2,1-5H3
<b>InchiKey:</b>	LNSJAAYIGOFKTA-UHFFFAOYSA-N
<b>Formula:</b>	C9H23NOSi
<b>SMILES:</b>	CC(C)(C)[Si](C)(C)OCCCN
<b>Mol. weight [g/mol]:</b>	189.37

## Physical Properties

Property code	Value	Unit	Source
log10ws	-0.16		Crippen Method
logp	2.357		Crippen Method
rinpol	1153.30		NIST Webbook

## Sources

<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>
<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=U333010&amp;Units=SI">http://webbook.nist.gov/cgi/cbook.cgi?ID=U333010&amp;Units=SI</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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