

# 4-Amino-1-butanol, tert-butyldimethylsilyl ether

<b>Other names:</b>	4-Pyrrol[tert-butyl(dimethyl)silyl]oxymorphobutan-1-amine 4-Amino-1-butanol, tbdms derivative
<b>Inchi:</b>	InChI=1S/C10H25NOSi/c1-10(2,3)13(4,5)12-9-7-6-8-11/h6-9,11H2,1-5H3
<b>InchiKey:</b>	DVHRNKRBIRBDTE-UHFFFAOYSA-N
<b>Formula:</b>	C10H25NOSi
<b>SMILES:</b>	CC(C)(C)[Si](C)(C)OCCCCN
<b>Mol. weight [g/mol]:</b>	203.40

## Physical Properties

Property code	Value	Unit	Source
log10ws	-0.58		Crippen Method
logp	2.747		Crippen Method
rinpol	1254.80		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=U333072&amp;Units=SI">http://webbook.nist.gov/cgi/cbook.cgi?ID=U333072&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/41-143-7/4-Amino-1-butanol-tert-butyldimethylsilyl-ether.pdf>

Generated by Cheméo on 2024-04-23 16:06:03.793049666 +0000 UTC m=+16177612.713626977.

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