

# Hexyl alcohol, tert-butyldimethylsilyl ether

<b>Other names:</b>	tert-Butyl(hexyloxy)dimethylsilane 1-Hexanol, tBDMS 1-Hexanol, tbdms derivative
<b>Inchi:</b>	InChI=1S/C12H28OSi/c1-7-8-9-10-11-13-14(5,6)12(2,3)4/h7-11H2,1-6H3
<b>InchiKey:</b>	KYTFGLILXWWPHX-UHFFFAOYSA-N
<b>Formula:</b>	C12H28OSi
<b>SMILES:</b>	CCCCCO[Si](C)(C)C(C)C
<b>Mol. weight [g/mol]:</b>	216.44

## Physical Properties

Property code	Value	Unit	Source
log10ws	-1.98		Crippen Method
logp	4.588		Crippen Method
rinpol	1202.20		NIST Webbook
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## 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.cheméo.com/doc/models/crippen_log10ws">https://www.cheméo.com/doc/models/crippen_log10ws</a>
<b>NIST Webbook:</b>	<a href="http://webbook.nist.gov/cgi/cbook.cgi?ID=U333086&amp;Units=SI">http://webbook.nist.gov/cgi/cbook.cgi?ID=U333086&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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