

# Neopentyl alcohol, tert-butyldimethylsilyl ether

<b>Other names:</b>	tert-Butyl(2,2-dimethylpropoxy)dimethylsilane Neopentyl alcohol, tbdms derivative
<b>Inchi:</b>	InChI=1S/C11H26OSi/c1-10(2,3)9-12-13(7,8)11(4,5)6/h9H2,1-8H3
<b>InchiKey:</b>	RDSJOHGIYJSGGV-UHFFFAOYSA-N
<b>Formula:</b>	C11H26OSi
<b>SMILES:</b>	CC(C)(C)CO[Si](C)(C)C(C)(C)C
<b>Mol. weight [g/mol]:</b>	202.41

## Physical Properties

Property code	Value	Unit	Source
log10ws	-1.32		Crippen Method
logp	4.054		Crippen Method
rinpola	991.30		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=U333000&amp;Units=SI">http://webbook.nist.gov/cgi/cbook.cgi?ID=U333000&amp;Units=SI</a>

## Legend

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

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