

# Silane, trimethyl(1-methylbutoxy)-

<b>Other names:</b>	Trimethyl(1-methylbutoxy)silane 2-Pentanol, trimethylsilyl ether DL-2-Pentanol, trimethylsilyl ether 2-Pentanol, tms derivative
<b>Inchi:</b>	InChI=1S/C8H20OSi/c1-6-7-8(2)9-10(3,4)5/h8H,6-7H2,1-5H3
<b>InchiKey:</b>	GRSPKXMQYAOQBM-UHFFFAOYSA-N
<b>Formula:</b>	C8H20OSi
<b>SMILES:</b>	CCCC(C)O[Si](C)(C)C
<b>Mol. weight [g/mol]:</b>	160.33
<b>CAS:</b>	1825-67-8

## Physical Properties

Property code	Value	Unit	Source
log10ws	-0.42		Crippen Method
logp	3.026		Crippen Method
rinpol	833.10		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=C1825678&amp;Units=SI">http://webbook.nist.gov/cgi/cbook.cgi?ID=C1825678&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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