

# Silane, (1,2-dimethylpropoxy)trimethyl-

<b>Other names:</b>	(1,2-Dimethylpropoxy)(trimethyl)silane 3-Methyl-2-butanol, trimethylsilyl ether 2-[(Trimethylsilyl)oxy]-3-methylbutane DL-3-Methyl-2-butanol, trimethylsilyl ether 3-Methyl-2-butanol, tms derivative
<b>Inchi:</b>	InChI=1S/C8H20OSi/c1-7(2)8(3)9-10(4,5)6/h7-8H,1-6H3
<b>InchiKey:</b>	UJIMSYOGKAJIM-UHFFFAOYSA-N
<b>Formula:</b>	C8H20OSi
<b>SMILES:</b>	CC(C)C(C)O[Si](C)(C)C
<b>Mol. weight [g/mol]:</b>	160.33
<b>CAS:</b>	18246-76-9

## Physical Properties

Property code	Value	Unit	Source
log10ws	-0.18		Crippen Method
logp	2.882		Crippen Method
rinpol	814.60		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.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=C18246769&amp;Units=SI">http://webbook.nist.gov/cgi/cbook.cgi?ID=C18246769&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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