

# Silane, trimethyl[(1-methylhexyl)oxy]-

<b>Other names:</b>	2-Heptanol, trimethylsilyl ether 2-Heptanol, tms derivative
<b>Inchi:</b>	InChI=1S/C10H24OSi/c1-6-7-8-9-10(2)11-12(3,4)5/h10H,6-9H2,1-5H3
<b>InchiKey:</b>	ARLOCEWCOYNVON-UHFFFAOYSA-N
<b>Formula:</b>	C10H24OSi
<b>SMILES:</b>	CCCCCC(C)O[Si](C)(C)C
<b>Mol. weight [g/mol]:</b>	188.38
<b>CAS:</b>	53690-75-8

## Physical Properties

Property code	Value	Unit	Source
log10ws	-1.26		Crippen Method
logp	3.807		Crippen Method
rinpol	1008.90		NIST Webbook
rinpol	1008.90		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=C53690758&amp;Units=SI">http://webbook.nist.gov/cgi/cbook.cgi?ID=C53690758&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

Latest version available from:

<https://www.chemeo.com/cid/29-324-0/Silane-trimethyl-1-methylhexyl-oxy.pdf>

Generated by Cheméo on 2024-04-27 09:02:28.984020035 +0000 UTC m=+16497797.904597352.

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