

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

<b>Other names:</b>	2-Octanol, trimethylsilyl ether Silane, trimethyl-(2-octyloxy) 2-Octanol, tms derivative
<b>Inchi:</b>	InChI=1S/C11H26OSi/c1-6-7-8-9-10-11(2)12-13(3,4)5/h11H,6-10H2,1-5H3
<b>InchiKey:</b>	UHWVCRDNNJCGLG-UHFFFAOYSA-N
<b>Formula:</b>	C11H26OSi
<b>SMILES:</b>	CCCCCCC(C)O[Si](C)(C)C
<b>Mol. weight [g/mol]:</b>	202.41
<b>CAS:</b>	18023-52-4

## Physical Properties

Property code	Value	Unit	Source
log10ws	-1.68		Crippen Method
logp	4.197		Crippen Method
rinpol	1111.00		NIST Webbook
rinpol	1107.50		NIST Webbook
rinpol	1111.00		NIST Webbook
rinpol	1107.50		NIST Webbook
ripol	1152.00		NIST Webbook
ripol	1152.00		NIST Webbook

## Sources

<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=C18023524&amp;Units=SI">http://webbook.nist.gov/cgi/cbook.cgi?ID=C18023524&amp;Units=SI</a>
<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>

## Legend

<b>log10ws:</b>	Log10 of Water solubility in mol/l
<b>logp:</b>	Octanol/Water partition coefficient

**rinpol:** Non-polar retention indices

**ripol:** Polar retention indices

Latest version available from:

<https://www.chemeo.com/cid/81-330-5/Silane-trimethyl-1-methylheptyl-oxy.pdf>

Generated by Cheméo on 2024-04-25 19:41:07.927023528 +0000 UTC m=+16363316.847600844.

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