

# Silane, (hexacosyloxy)trimethyl-

<b>Other names:</b>	Hexacosy-trimethylsilane 1-(Trimethylsilyloxy)hexacosane Hexacosane, 1-trimethylsilyloxy- (Hexacosyloxy)trimethylsilane 1-Hexacosanol, trimethylsilyl ether Hexacosyl trimethylsilyl ether 1-Hexacosanol, TMS
<b>Inchi:</b>	InChI=1S/C29H62OSi/c1-5-6-7-8-9-10-11-12-13-14-15-16-17-18-19-20-21-22-23-24-25-26
<b>InchiKey:</b>	YJQYMXHTLGECMJ-UHFFFAOYSA-N
<b>Formula:</b>	C29H62OSi
<b>SMILES:</b>	CCCCCCCCCCCCCCCCCCCCCCCCCCO[Si](C)(C)C
<b>Mol. weight [g/mol]:</b>	454.89
<b>CAS:</b>	391679-86-0

## Physical Properties

Property code	Value	Unit	Source
log10ws	-9.10		Crippen Method
logp	11.220		Crippen Method
rinpol	2950.00		NIST Webbook
rinpol	2935.60		NIST Webbook
rinpol	2945.00		NIST Webbook
rinpol	2950.00		NIST Webbook
rinpol	2945.00		NIST Webbook
rinpol	2935.60		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=C391679860&amp;Units=SI">http://webbook.nist.gov/cgi/cbook.cgi?ID=C391679860&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
<b>rinpol:</b>	Non-polar retention indices

Latest version available from:

<https://www.chemeo.com/cid/83-034-2/Silane-hexacosyloxy-trimethyl.pdf>

Generated by Cheméo on 2024-04-17 01:27:41.513385995 +0000 UTC m=+15606510.433963307.

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