

# Silane, dimethyl(octadecyloxy)propyl-

<b>Other names:</b>	Dimethyl(octadecyloxy) propyl silane
<b>Inchi:</b>	InChI=1S/C23H50OSi/c1-5-7-8-9-10-11-12-13-14-15-16-17-18-19-20-21-22-24-25(3,4)23
<b>InchiKey:</b>	PMSVBJHEAXEGOS-UHFFFAOYSA-N
<b>Formula:</b>	C23H50OSi
<b>SMILES:</b>	CCCCCCCCCCCCCCCCCO[Si](C)(C)CCC
<b>Mol. weight [g/mol]:</b>	370.73
<b>CAS:</b>	65597-99-1

## Physical Properties

Property code	Value	Unit	Source
log10ws	-6.59		Crippen Method
logp	8.880		Crippen Method

## 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.cheméo.com/doc/models/crippen_log10ws">https://www.cheméo.com/doc/models/crippen_log10ws</a>
<b>NIST Webbook:</b>	<a href="http://webbook.nist.gov/cgi/cbook.cgi?ID=C65597991&amp;Units=SI">http://webbook.nist.gov/cgi/cbook.cgi?ID=C65597991&amp;Units=SI</a>

## Legend

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

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