

# Dimethyl-dioctyl-silane

<b>Other names:</b>	Silane, dimethyl dioctyl
<b>Inchi:</b>	InChI=1S/C18H40Si/c1-5-7-9-11-13-15-17-19(3,4)18-16-14-12-10-8-6-2/h5-18H2,1-4H3
<b>InchiKey:</b>	NEJKCNUETUMUBI-UHFFFAOYSA-N
<b>Formula:</b>	C18H40Si
<b>SMILES:</b>	CCCCCCCC[Si](C)(C)CCCCCCCC
<b>Mol. weight [g/mol]:</b>	284.60
<b>CAS:</b>	3429-75-2

## Physical Properties

Property code	Value	Unit	Source
log10ws	-4.83		Crippen Method
logp	7.416		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=C3429752&amp;Units=SI">http://webbook.nist.gov/cgi/cbook.cgi?ID=C3429752&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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