

# Silane, diethyldihexyloxy-

<b>Other names:</b>	Dihexyloxydiethylsilane
<b>Inchi:</b>	InChI=1S/C16H36O2Si/c1-5-9-11-13-15-17-19(7-3,8-4)18-16-14-12-10-6-2/h5-16H2,1-4H
<b>InchiKey:</b>	JGYJCXXHORHZDL-UHFFFAOYSA-N
<b>Formula:</b>	C16H36O2Si
<b>SMILES:</b>	CCCCCO[Si](CC)(CC)OCCCCC
<b>Mol. weight [g/mol]:</b>	288.54

## Physical Properties

Property code	Value	Unit	Source
log10ws	-3.33		Crippen Method
logp	5.662		Crippen Method
rinpol	1580.00		NIST Webbook
rinpol	1645.00		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=U363735&amp;Units=SI">http://webbook.nist.gov/cgi/cbook.cgi?ID=U363735&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

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<https://www.chemeo.com/cid/46-852-5/Silane-diethyldihexyloxy.pdf>

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