

# Silane, diethylheptyloxyisobutoxy-

<b>Inchi:</b>	InChI=1S/C15H34O2Si/c1-6-9-10-11-12-13-16-18(7-2,8-3)17-14-15(4)5/h15H,6-14H2,1-5
<b>InchiKey:</b>	GZUPKBIRZIPOBL-UHFFFAOYSA-N
<b>Formula:</b>	C15H34O2Si
<b>SMILES:</b>	CCCCCCCO[Si](CC)(CC)OCC(C)C
<b>Mol. weight [g/mol]:</b>	274.51

## Physical Properties

Property code	Value	Unit	Source
log10ws	-2.67		Crippen Method
logp	5.128		Crippen Method
rinpol	1510.00		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=U363063&amp;Units=SI">http://webbook.nist.gov/cgi/cbook.cgi?ID=U363063&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/56-874-0/Silane-diethylheptyloxyisobutoxy.pdf>

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