

# Silane, diethylisohexyloxy(4-methylpent-2-yloxy)-

Inchi:	InChI=1S/C16H36O2Si/c1-8-19(9-2,17-12-10-11-14(3)4)18-16(7)13-15(5)6/h14-16H,8-13
InchiKey:	HDKZBYYYYBUNVBQ-UHFFFAOYSA-N
Formula:	C16H36O2Si
SMILES:	CC[Si](CC)(OCCCC(C)C)OC(C)CC(C)C
Mol. weight [g/mol]:	288.54

## Physical Properties

Property code	Value	Unit	Source
log10ws	-2.96		Crippen Method
logp	5.372		Crippen Method
rinpol	1490.00		NIST Webbook
rinpol	1490.00		NIST Webbook

## Sources

Crippen Method:	<a href="https://www.chemeo.com/doc/models/crippen_log10ws">https://www.chemeo.com/doc/models/crippen_log10ws</a>
NIST Webbook:	<a href="http://webbook.nist.gov/cgi/cbook.cgi?ID=U363440&amp;Units=SI">http://webbook.nist.gov/cgi/cbook.cgi?ID=U363440&amp;Units=SI</a>
Crippen Method:	<a href="http://pubs.acs.org/doi/abs/10.1021/ci9903071">http://pubs.acs.org/doi/abs/10.1021/ci9903071</a>

## Legend

log10ws:	Log10 of Water solubility in mol/l
logp:	Octanol/Water partition coefficient
rinpol:	Non-polar retention indices

Latest version available from:

<https://www.chemeo.com/cid/47-479-9/Silane-diethylisohexyloxy-4-methylpent-2-yloxy.pdf>

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