

# Silane, dimethyl(trans-3,7-dimethyl-2,6-octadien-1-yloxy)

<b>Inchi:</b>	InChI=1S/C18H36O2Si/c1-16(2)10-8-12-18(5)13-15-20-21(6,7)19-14-9-11-17(3)4/h10,13
<b>InchiKey:</b>	CZeqzXkVqYfEOQ-QGOAFFKASA-N
<b>Formula:</b>	C18H36O2Si
<b>SMILES:</b>	CC(C)=CCCC(C)=CCO[Si](C)(C)OCCCC(C)C
<b>Mol. weight [g/mol]:</b>	312.56

## Physical Properties

Property code	Value	Unit	Source
log10ws	-3.63		Crippen Method
logp	5.850		Crippen Method
rinpol	1806.00		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=U348046&amp;Units=SI">http://webbook.nist.gov/cgi/cbook.cgi?ID=U348046&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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