

# Dimethyl(bis([(2E,6E)-3,7,11-trimethyldodeca-2,6,10-trien-1-yl]oxy))silane

<b>Other names:</b>	Dimethyl(bis([(2E,6E)-3,7,11-trimethyldodeca-2,6,10-trien-1-yl]oxy))silane
<b>Inchi:</b>	InChI=1S/C32H56O2Si/c1-27(2)15-11-17-29(5)19-13-21-31(7)23-25-33-35(9,10)34-26-2
<b>InchiKey:</b>	JHBSQBMUJVYJCM-UDUBSFCQSA-N
<b>Formula:</b>	C32H56O2Si
<b>SMILES:</b>	CC(C)=CCCC(C)=CCCC(C)=CCO[Si](C)(C)OCC=C(C)CCC=C(C)CCC=C(C)C
<b>Mol. weight [g/mol]:</b>	500.87

## Physical Properties

Property code	Value	Unit	Source
log10ws	-9.15		Crippen Method
logp	10.560		Crippen Method
rinpol	2970.60		NIST Webbook

## 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.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=U352674&amp;Units=SI">http://webbook.nist.gov/cgi/cbook.cgi?ID=U352674&amp;Units=SI</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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