

# Dimethyl(bis[(3Z)-non-3-en-1-yloxy])silane

<b>Other names:</b>	bis[(1-Hexylprop-2-en-1-yl)oxy](dimethyl)silane Dimethyl{bis[(3Z)-non-3-en-1-yloxy]}silane
<b>Inchi:</b>	InChI=1S/C20H40O2Si/c1-5-7-9-11-13-15-17-19-21-23(3,4)22-20-18-16-14-12-10-8-6-2/
<b>InchiKey:</b>	MPRQBRXNSQJQSC-VMNXYWKNSA-N
<b>Formula:</b>	C20H40O2Si
<b>SMILES:</b>	CCCCC=CCCO[Si](C)(C)OCC=CCCCC
<b>Mol. weight [g/mol]:</b>	340.62

## Physical Properties

Property code	Value	Unit	Source
log10ws	-4.71		Crippen Method
logp	6.775		Crippen Method
rinpol	2012.20		NIST Webbook
rinpol	2019.60		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=U334086&amp;Units=SI">http://webbook.nist.gov/cgi/cbook.cgi?ID=U334086&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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