

# Dimethyl(bis([5-methyl-2-(1-methylethenyl)hex-4-en-1-yl]oxy))silane

<b>Other names:</b>	Dimethyl(bis([5-methyl-2-(1-methylethenyl)hex-4-en-1-yl]oxy))silane
<b>Inchi:</b>	InChI=1S/C22H40O2Si/c1-17(2)11-13-21(19(5)6)15-23-25(9,10)24-16-22(20(7)8)14-12-1
<b>InchiKey:</b>	JKKPDHCCLYFSKB-UHFFFAOYSA-N
<b>Formula:</b>	C22H40O2Si
<b>SMILES:</b>	C=C(C)C(CC=C(C)C)CO[Si](C)(C)OCC(CC=C(C)C)C(=C)C
<b>Mol. weight [g/mol]:</b>	364.64

## Physical Properties

Property code	Value	Unit	Source
log10ws	-4.77		Crippen Method
logp	6.819		Crippen Method
rinpol	1911.40		NIST Webbook

## Sources

<b>NIST Webbook:</b>	<a href="http://webbook.nist.gov/cgi/cbook.cgi?ID=U352629&amp;Units=SI">http://webbook.nist.gov/cgi/cbook.cgi?ID=U352629&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>
<b>Crippen Method:</b>	<a href="https://www.chemeo.com/doc/models/crippen_log10ws">https://www.chemeo.com/doc/models/crippen_log10ws</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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