

# Dimethyl(bis[(2Z)-pent-2-en-1-yloxy])silane

<b>Other names:</b>	Dimethyl{bis[(2Z)-pent-2-en-1-yloxy]}silane
<b>Inchi:</b>	InChI=1S/C12H24O2Si/c1-5-7-9-11-13-15(3,4)14-12-10-8-6-2/h7-10H,5-6,11-12H2,1-4H
<b>InchiKey:</b>	QJJOXVIFYQNCKPC-XOHWUJONSA-N
<b>Formula:</b>	C12H24O2Si
<b>SMILES:</b>	CCC=CCO[Si](C)(C)OCC=CCC
<b>Mol. weight [g/mol]:</b>	228.40

## Physical Properties

Property code	Value	Unit	Source
log10ws	-1.36		Crippen Method
logp	3.654		Crippen Method
rinsol	1311.00		NIST Webbook
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## 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=U352708&amp;Units=SI">http://webbook.nist.gov/cgi/cbook.cgi?ID=U352708&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>rinsol:</b>	Non-polar retention indices

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<https://www.chemeo.com/cid/32-380-4/Dimethyl-bis-2Z-pent-2-en-1-yloxy-silane.pdf>

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