

# Silane, dimethyl(2-ethylbutoxy)dodecyloxy-

<b>Inchi:</b>	InChI=1S/C20H44O2Si/c1-6-9-10-11-12-13-14-15-16-17-18-21-23(4,5)22-19-20(7-2)8-3/
<b>InchiKey:</b>	GYMXWHMWJVZAOJ-UHFFFAOYSA-N
<b>Formula:</b>	C20H44O2Si
<b>SMILES:</b>	CCCCCCCCCCCCO[Si](C)(C)OCC(CC)CC
<b>Mol. weight [g/mol]:</b>	344.65

## Physical Properties

Property code	Value	Unit	Source
log10ws	-4.76		Crippen Method
logp	7.079		Crippen Method
rinpol	2000.00		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=U347582&amp;Units=SI">http://webbook.nist.gov/cgi/cbook.cgi?ID=U347582&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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<https://www.chemeo.com/cid/26-270-3/Silane-dimethyl-2-ethylbutoxy-dodecyloxy.pdf>

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