

# 2,5,7,10-Tetraoxa-6-silaundecane, 6,6-dimethyl-

<b>Other names:</b>	Silane, dimethyldi(2-methoxyethoxy)-6,6-dimethyl-2,5,7,10-tetraoxa-6-silaundecane
<b>Inchi:</b>	InChI=1S/C8H20O4Si/c1-9-5-7-11-13(3,4)12-8-6-10-2/h5-8H2,1-4H3
<b>InchiKey:</b>	OVZRXWSZIKLJRC-UHFFFAOYSA-N
<b>Formula:</b>	C8H20O4Si
<b>SMILES:</b>	COCCO[Si](C)(C)OCCOC
<b>Mol. weight [g/mol]:</b>	208.33
<b>CAS:</b>	18236-23-2

## Physical Properties

Property code	Value	Unit	Source
log10ws	1.85		Crippen Method
logp	1.014		Crippen Method
rinpol	1160.00		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=C18236232&amp;Units=SI">http://webbook.nist.gov/cgi/cbook.cgi?ID=C18236232&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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