

# Trimethyl-[2-[2-[2-(2-trimethylsilyloxyethoxy)ethoxy]ethoxy]ethoxy]silane

<b>Other names:</b>	3,6,9,12,15-Pentaoxa-2,16-disilaheptadecane, 2,2,16,16-tetramethyl-Tetraethylene glycol, bistrimethylsilyl ether Tetraethylene glycol, 2tms derivative
<b>Inchi:</b>	InChI=1S/C14H34O5Si2/c1-20(2,3)18-13-11-16-9-7-15-8-10-17-12-14-19-21(4,5)6/h7-14
<b>InchiKey:</b>	YCYBENQFXVSVCK-UHFFFAOYSA-N
<b>Formula:</b>	C14H34O5Si2
<b>SMILES:</b>	C[Si](C)(C)OCCOCCOCCOCCO[Si](C)(C)C
<b>Mol. weight [g/mol]:</b>	338.59

## Physical Properties

Property code	Value	Unit	Source
log10ws	2.78		Crippen Method
logp	2.739		Crippen Method
rinpol	1748.90		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=U352053&amp;Units=SI">http://webbook.nist.gov/cgi/cbook.cgi?ID=U352053&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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