

# 3,6,9,12-Tetraoxa-2,13-disilatetradecane, 2,2,13,13-tetramethyl-

Other names:	Trimethyl-[2-[2-(2-trimethylsilyloxyethoxy)ethoxy]ethoxy]silane 2,2,13,13-Tetramethyl-3,6,9,12-tetraoxa-2,13-disilatetradecane Triethylene glycol, 2tms derivative
Inchi:	InChI=1S/C12H30O4Si2/c1-17(2,3)15-11-9-13-7-8-14-10-12-16-18(4,5)6/h7-12H2,1-6H3
InchiKey:	SLLVZXXJQRSFPP-UHFFFAOYSA-N
Formula:	C12H30O4Si2
SMILES:	C[Si](C)(C)OCCOCCOCCO[Si](C)(C)C
Mol. weight [g/mol]:	294.54
CAS:	62185-58-4

## Physical Properties

Property code	Value	Unit	Source
log10ws	2.70		Crippen Method
logp	2.723		Crippen Method
rinpol	1489.10		NIST Webbook

## Sources

NIST Webbook:	<a href="http://webbook.nist.gov/cgi/cbook.cgi?ID=C62185584&amp;Units=SI">http://webbook.nist.gov/cgi/cbook.cgi?ID=C62185584&amp;Units=SI</a>
Crippen Method:	<a href="http://pubs.acs.org/doi/abs/10.1021/ci9903071">http://pubs.acs.org/doi/abs/10.1021/ci9903071</a>
Crippen Method:	<a href="https://www.cheméo.com/doc/models/crippen_log10ws">https://www.cheméo.com/doc/models/crippen_log10ws</a>

## Legend

log10ws:	Log10 of Water solubility in mol/l
logp:	Octanol/Water partition coefficient
rinpol:	Non-polar retention indices

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