

# 3,6,9-Trioxa-2,10-disilaundecane, 2,2,10,10-tetramethyl-

<b>Other names:</b>	Diethylene glycol, bistrimethylsilyl ether 2,2,10,10-Tetramethyl-3,6,9-trioxa-2,10-disilaundecane Trimethyl-[2-(2-trimethylsilyloxyethoxy)ethoxy]silane Diethylene glycol, 2tms derivative
<b>Inchi:</b>	InChI=1S/C10H26O3Si2/c1-14(2,3)12-9-7-11-8-10-13-15(4,5)6/h7-10H2,1-6H3
<b>InchiKey:</b>	VZCNNAQIFXLAEZ-UHFFFAOYSA-N
<b>Formula:</b>	C10H26O3Si2
<b>SMILES:</b>	C[Si](C)(C)OCCOCCO[Si](C)(C)C
<b>Mol. weight [g/mol]:</b>	250.48
<b>CAS:</b>	16654-74-3

## Physical Properties

Property code	Value	Unit	Source
log10ws	2.63		Crippen Method
logp	2.706		Crippen Method
rinpol	1227.10		NIST Webbook
rinpol	1238.70		NIST Webbook
rinpol	1227.10		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=C16654743&amp;Units=SI">http://webbook.nist.gov/cgi/cbook.cgi?ID=C16654743&amp;Units=SI</a>
<b>Crippen Method:</b>	<a href="http://pubs.acs.org/doi/abs/10.1021/ci990307l">http://pubs.acs.org/doi/abs/10.1021/ci990307l</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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