

# Triethylene glycol, nonyl ether, TMS

<b>Other names:</b>	2-(2-(2-nonyloxy-ethoxy)-ethoxy)-ethanol, TMS
<b>Inchi:</b>	InChI=1S/C18H40O4Si/c1-5-6-7-8-9-10-11-12-19-13-14-20-15-16-21-17-18-22-23(2,3)4/
<b>InchiKey:</b>	IKUKCGLEMADIJK-UHFFFAOYSA-N
<b>Formula:</b>	C18H40O4Si
<b>SMILES:</b>	CCCCCCCCCOCCOCCOCCO[Si](C)(C)C
<b>Mol. weight [g/mol]:</b>	348.59

## Physical Properties

Property code	Value	Unit	Source
log10ws	-1.76		Crippen Method
logp	4.638		Crippen Method
rinpol	2096.20		NIST Webbook
rinpol	2096.20		NIST Webbook

## Sources

<b>NIST Webbook:</b>	<a href="http://webbook.nist.gov/cgi/cbook.cgi?ID=R184357&amp;Units=SI">http://webbook.nist.gov/cgi/cbook.cgi?ID=R184357&amp;Units=SI</a>
<b>Crippen Method:</b>	<a href="http://pubs.acs.org/doi/abs/10.1021/ci990307I">http://pubs.acs.org/doi/abs/10.1021/ci990307I</a>
<b>Crippen Method:</b>	<a href="https://www.chemeo.com/doc/models/crippen_log10ws">https://www.chemeo.com/doc/models/crippen_log10ws</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/14-581-1/Triethylene-glycol-nonyl-ether-TMS.pdf>

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