

# 1,2-Bis(trimethylsiloxy)ethane

<b>Other names:</b>	3,6-Dioxa-2,7-disilaoctane, 2,2,7,7-tetramethyl-Ethylene glycol, bistrimethylsilyl ether 2,2,7,7-Tetramethyl-3,6-dioxa-2,7-disilaoctane Ethylene glycol, di-TMS Ethylene glycol, TMS
<b>Inchi:</b>	InChI=1S/C8H22O2Si2/c1-11(2,3)9-7-8-10-12(4,5)6/h7-8H2,1-6H3
<b>InchiKey:</b>	JGWFUSVYECJQDT-UHFFFAOYSA-N
<b>Formula:</b>	C8H22O2Si2
<b>SMILES:</b>	C[Si](C)(C)OCCO[Si](C)(C)C
<b>Mol. weight [g/mol]:</b>	206.43
<b>CAS:</b>	7381-30-8

## Physical Properties

Property code	Value	Unit	Source
log10ws	2.55		Crippen Method
logp	2.689		Crippen Method
rinpol	975.70		NIST Webbook
rinpol	993.00		NIST Webbook
rinpol	990.00		NIST Webbook
rinpol	989.00		NIST Webbook
rinpol	975.70		NIST Webbook
rinpol	992.00		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=C7381308&amp;Units=SI">http://webbook.nist.gov/cgi/cbook.cgi?ID=C7381308&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

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

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