

# 3,7-Dioxa-2,8-disilanonane, 2,2,8,8-tetramethyl-

<b>Other names:</b>	1,3 Propanediol di-TMS 2,2,8,8-Tetramethyl-3,7-dioxa-2,8-disilanonane 1,3-Propanediol, bis(trimethylsilyl) ether Propane-1,3-diol, bis-TMS propane-1,3-diol, TMS
<b>Inchi:</b>	InChI=1S/C9H24O2Si2/c1-12(2,3)10-8-7-9-11-13(4,5)6/h7-9H2,1-6H3
<b>InchiKey:</b>	DWHYMKOUICVFHL-UHFFFAOYSA-N
<b>Formula:</b>	C9H24O2Si2
<b>SMILES:</b>	C[Si](C)(C)OCCCO[Si](C)(C)C
<b>Mol. weight [g/mol]:</b>	220.46
<b>CAS:</b>	17887-80-8

## Physical Properties

Property code	Value	Unit	Source
log10ws	2.13		Crippen Method
logp	3.079		Crippen Method
rinpol	1050.50		NIST Webbook
rinpol	1073.00		NIST Webbook
ripol	1050.00		NIST Webbook
ripol	1050.00		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=C17887808&amp;Units=SI">http://webbook.nist.gov/cgi/cbook.cgi?ID=C17887808&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

**rinpol:** Non-polar retention indices

**ripol:** Polar retention indices

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