

# 1,3-Propanediol, trimethylsilyl ether

<b>Other names:</b>	3-[(Trimethylsilyl)oxy]propan-1-ol 1,3-Propanediol, tms derivative
<b>Inchi:</b>	InChI=1S/C6H16O2Si/c1-9(2,3)8-6-4-5-7/h7H,4-6H2,1-3H3
<b>InchiKey:</b>	GVDWMUZJTUETPO-UHFFFAOYSA-N
<b>Formula:</b>	C6H16O2Si
<b>SMILES:</b>	C[Si](C)(C)OCCCO
<b>Mol. weight [g/mol]:</b>	148.28

## Physical Properties

Property code	Value	Unit	Source
log10ws	1.26		Crippen Method
logp	1.220		Crippen Method
rinpola	945.40		NIST Webbook
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## 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=U333052&amp;Units=SI">http://webbook.nist.gov/cgi/cbook.cgi?ID=U333052&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>rinpola:</b>	Non-polar retention indices

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<https://www.chemeo.com/cid/98-469-4/1-3-Propanediol-trimethylsilyl-ether.pdf>

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