

# 2-Chloroethoxytrimethylsilane

<b>Other names:</b>	Chloroethoxy(trimethyl)silane Silane,(2-chloroetoxy)trimethyl 2-Chloroethanol, trimethylsilyl ether 2-Chloroethanol, tms derivative
<b>Inchi:</b>	InChI=1S/C5H13ClOSi/c1-8(2,3)7-5-4-6/h4-5H2,1-3H3
<b>InchiKey:</b>	SJIIMFTWFNLSKY-UHFFFAOYSA-N
<b>Formula:</b>	C5H13ClOSi
<b>SMILES:</b>	C[Si](C)(C)OCCCl
<b>Mol. weight [g/mol]:</b>	152.69
<b>CAS:</b>	18157-17-0

## Physical Properties

Property code	Value	Unit	Source
log10ws	0.79		Crippen Method
logp	2.077		Crippen Method
rinpol	841.90		NIST Webbook

## Sources

<b>NIST Webbook:</b>	<a href="http://webbook.nist.gov/cgi/cbook.cgi?ID=C18157170&amp;Units=SI">http://webbook.nist.gov/cgi/cbook.cgi?ID=C18157170&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>
<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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