

# Octadec-9Z-enol trimethylsilyl ether

<b>Other names:</b>	(9Z)-9-Octadecenyl trimethylsilyl ether Oleyl alcohol , trimethylsilyl ether Silane, trimethyl(9-octadecenyloxy)-, (Z)- 9-Octadecen-1-ol, (z)-, tms derivative
<b>Inchi:</b>	InChI=1S/C21H44OSi/c1-5-6-7-8-9-10-11-12-13-14-15-16-17-18-19-20-21-22-23(2,3)4/h
<b>InchiKey:</b>	VOGVNCOIMBHMPY-SEYXRHQNSA-N
<b>Formula:</b>	C21H44OSi
<b>SMILES:</b>	CCCCCCCC=CCCCCCCCO[Si](C)(C)C
<b>Mol. weight [g/mol]:</b>	340.66
<b>CAS:</b>	78695-25-7

## Physical Properties

Property code	Value	Unit	Source
log10ws	-5.60		Crippen Method
logp	7.875		Crippen Method
rinsol	2126.40		NIST Webbook
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## Sources

<b>NIST Webbook:</b>	<a href="http://webbook.nist.gov/cgi/cbook.cgi?ID=C78695257&amp;Units=SI">http://webbook.nist.gov/cgi/cbook.cgi?ID=C78695257&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>rinsol:</b>	Non-polar retention indices

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