

# Silane, trimethyl(2-pentenyloxy)-, (Z)-

<b>Other names:</b>	cis-2-Penten-1-ol, trimethylsilyl ether 2-Penten-1-ol, (z)-, tms derivative
<b>Inchi:</b>	InChI=1S/C8H18OSi/c1-5-6-7-8-9-10(2,3)4/h6-7H,5,8H2,1-4H3/b7-6-
<b>InchiKey:</b>	XWKAOAUZLJPSHQ-SREVYHEPSA-N
<b>Formula:</b>	C8H18OSi
<b>SMILES:</b>	CCC=CCO[Si](C)(C)C
<b>Mol. weight [g/mol]:</b>	158.31
<b>CAS:</b>	77745-40-5

## Physical Properties

Property code	Value	Unit	Source
log10ws	-0.16		Crippen Method
logp	2.804		Crippen Method
rinpol	908.50		NIST Webbook

## Sources

<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>
<b>NIST Webbook:</b>	<a href="http://webbook.nist.gov/cgi/cbook.cgi?ID=C77745405&amp;Units=SI">http://webbook.nist.gov/cgi/cbook.cgi?ID=C77745405&amp;Units=SI</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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