

# trans-Crotyl alcohol, trimethylsilyl ether

<b>Other names:</b>	[(2E)-But-2-en-1-yloxy](trimethyl)silane 2-Buten-1-ol, (e)-, tms derivative
<b>Inchi:</b>	InChI=1S/C7H16OSi/c1-5-6-7-8-9(2,3)4/h5-6H,7H2,1-4H3/b6-5+
<b>InchiKey:</b>	RQYBDDHHZHXRMAAATRIKPKSA-N
<b>Formula:</b>	C7H16OSi
<b>SMILES:</b>	CC=CCO[Si](C)(C)C
<b>Mol. weight [g/mol]:</b>	144.29

## Physical Properties

Property code	Value	Unit	Source
log10ws	0.26		Crippen Method
logp	2.414		Crippen Method
rinpol	820.40		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=U333023&amp;Units=SI">http://webbook.nist.gov/cgi/cbook.cgi?ID=U333023&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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