

cis-Crotyl alcohol, trimethylsilyl ether

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

Physical Properties

Property code	Value	Unit	Source
log10ws	0.26		Crippen Method
logp	2.414		Crippen Method
rinpol	829.00		NIST Webbook
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Sources

NIST Webbook:	http://webbook.nist.gov/cgi/cbook.cgi?ID=U333024&Units=SI
Crippen Method:	http://pubs.acs.org/doi/abs/10.1021/ci990307l
Crippen Method:	https://www.chemeo.com/doc/models/crippen_log10ws

Legend

log10ws:	Log10 of Water solubility in mol/l
logp:	Octanol/Water partition coefficient
rinpol:	Non-polar retention indices

Latest version available from:

<https://www.chemeo.com/cid/58-597-6/cis-Crotyl-alcohol-trimethylsilyl-ether.pdf>

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