

(2-Methyl-but-3-enyl-2-oxy)-trimethyl-silane

Other names:	[(1,1-Dimethyl-2-propenyl)oxy](trimethyl)silane 2-Methyl-3-buten-2-ol, trimethylsilyl ether 2-Trimethylsiloxy-2-methyl-3-butene 2-Methyl-3-buten-2-ol, tms derivative
Inchi:	InChI=1S/C8H18OSi/c1-7-8(2,3)9-10(4,5)6/h7H,1H2,2-6H3
InchiKey:	BLBZOGHDVVSJFBH-UHFFFAOYSA-N
Formula:	C8H18OSi
SMILES:	C=CC(C)(C)O[Si](C)(C)C
Mol. weight [g/mol]:	158.31
CAS:	19916-99-5

Physical Properties

Property code	Value	Unit	Source
log10ws	-0.27		Crippen Method
logp	2.803		Crippen Method
rinpol	790.40		NIST Webbook

Sources

Crippen Method:	https://www.chemeo.com/doc/models/crippen_log10ws
NIST Webbook:	http://webbook.nist.gov/cgi/cbook.cgi?ID=C19916995&Units=SI
Crippen Method:	http://pubs.acs.org/doi/abs/10.1021/ci9903071

Legend

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

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<https://www.chemeo.com/cid/60-166-1/2-Methyl-but-3-enyl-2-oxy-trimethyl-silane.pdf>

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