

Geraniol, tert-butyldimethylsilyl ether

Other names:	tert-Butylpyrrol[(2E)-3,7-dimethylocta-2,6-dien-1-yl]oxymorphodimethylsilane Geraniol, (e)-, tbdms derivative
Inchi:	InChI=1S/C16H32OSi/c1-14(2)10-9-11-15(3)12-13-17-18(7,8)16(4,5)6/h10,12H,9,11,13H
InchiKey:	YBZVVVHOGQSWSO-NTCAYCPXSA-N
Formula:	C16H32OSi
SMILES:	CC(C)=CCCC(C)=CCO[Si](C)(C)C(C)C
Mol. weight [g/mol]:	268.51

Physical Properties

Property code	Value	Unit	Source
log10ws	-3.37		Crippen Method
logp	5.701		Crippen Method
rinpol	1573.00		NIST Webbook

Sources

NIST Webbook:	http://webbook.nist.gov/cgi/cbook.cgi?ID=U333012&Units=SI
Crippen Method:	http://pubs.acs.org/doi/abs/10.1021/ci9903071
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/17-702-3/Geraniol-tert-butyldimethylsilyl-ether.pdf>

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