

Linalol oxide, trimethylsilyl ether

Other names:	Linolool oxide, tms derivative
Inchi:	InChI=1S/C13H26O2Si/c1-8-13(4)10-9-11(14-13)12(2,3)15-16(5,6)7/h8,11H,1,9-10H2,2-
InchiKey:	GFARPMJGIGNOMJ-UHFFFAOYSA-N
Formula:	C13H26O2Si
SMILES:	<chem>C=CC1(C)CCC(C(C)(C)O[Si](C)(C)C)O1</chem>
Mol. weight [g/mol]:	242.43

Physical Properties

Property code	Value	Unit	Source
log10ws	-1.57		Crippen Method
logp	3.740		Crippen Method
rinpol	1222.20		NIST Webbook

Sources

Crippen Method:	https://www.chemeo.com/doc/models/crippen_log10ws
NIST Webbook:	http://webbook.nist.gov/cgi/cbook.cgi?ID=U352400&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

Latest version available from:

<https://www.chemeo.com/cid/40-375-1/Linalol-oxide-trimethylsilyl-ether.pdf>

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