

Dimethyl(bis[(3-methylbut-2-en-1-yl)oxy])silane

Other names:	Dimethyl{bis[(3-methylbut-2-en-1-yl)oxy]}silane
Inchi:	InChI=1S/C12H24O2Si/c1-11(2)7-9-13-15(5,6)14-10-8-12(3)4/h7-8H,9-10H2,1-6H3
InchiKey:	SHBCIOUNUKYPRC-UHFFFAOYSA-N
Formula:	C12H24O2Si
SMILES:	CC(C)=CCO[Si](C)(C)OCC=C(C)C
Mol. weight [g/mol]:	228.40

Physical Properties

Property code	Value	Unit	Source
log10ws	-1.36		Crippen Method
logp	3.654		Crippen Method
rinpol	1309.00		NIST Webbook
rinpol	1311.00		NIST Webbook
rinpol	1309.00		NIST Webbook

Sources

Crippen Method:	http://pubs.acs.org/doi/abs/10.1021/ci9903071
Crippen Method:	https://www.chemeo.com/doc/models/crippen_log10ws
NIST Webbook:	http://webbook.nist.gov/cgi/cbook.cgi?ID=U352699&Units=SI

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/93-248-4/Dimethyl-bis-3-methylbut-2-en-1-yl-oxy-silane.pdf>

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