

Silane, methylvinyl(pent-2-yloxy)(methylvinylisopropoxy)silyloxy

Inchi: InChI=1S/C14H30O3Si2/c1-9-12-14(6)16-19(8,11-3)17-18(7,10-2)15-13(4)5/h10-11,13-14
InchiKey: FVIYMDFVWPZMSJ-UHFFFAOYSA-N
Formula: C14H30O3Si2
SMILES: C=C[Si](C)(OC(C)C)O[Si](C)(C=C)OC(C)CCC
Mol. weight [g/mol]: 302.56

Physical Properties

Property code	Value	Unit	Source
log10ws	-0.32		Crippen Method
logp	4.228		Crippen Method
rinpol	1320.00		NIST Webbook
rinpol	1320.00		NIST Webbook

Sources

NIST Webbook: <http://webbook.nist.gov/cgi/cbook.cgi?ID=U416297&Units=SI>
Crippen Method: <http://pubs.acs.org/doi/abs/10.1021/ci9903071>
Crippen Method: https://www.cheméo.com/doc/models/crippen_log10ws

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.cheméo.com/cid/114-577-5/Silane-methylvinyl-pent-2-yloxy-methylvinylisopropoxysilyloxy.pdf>

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