

Silane, methylvinyl(oct-4-yloxy)(methylvinylisobutoxysilyloxy)

Inchi: InChI=1S/C18H38O3Si2/c1-9-13-15-18(14-10-2)20-23(8,12-4)21-22(7,11-3)19-16-17(5)6
InchiKey: FJWHSLLBDHHAIP-UHFFFAOYSA-N
Formula: C18H38O3Si2
SMILES: C=C[Si](C)(OCC(C)C)O[Si](C)(C=C)OC(CCC)CCCC
Mol. weight [g/mol]: 358.66

Physical Properties

Property code	Value	Unit	Source
log10ws	-1.64		Crippen Method
logp	5.645		Crippen Method
rinpol	1622.00		NIST Webbook
rinpol	1622.00		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=U416845&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/113-426-3/Silane-methylvinyl-oct-4-yloxy-methylvinylisobutoxysilyloxy.pdf>

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