

Silane, methylvinyl(isobutoxy)(methylvinylhexyloxysilyloxy)

Inchi: InChI=1S/C16H34O3Si2/c1-8-11-12-13-14-17-20(6,9-2)19-21(7,10-3)18-15-16(4)5/h9-10
InchiKey: QIRYNNCCCZDMEL-UHFFFAOYSA-N
Formula: C16H34O3Si2
SMILES: C=C[Si](C)(OCCCCC)O[Si](C)(C=C)OCC(C)C
Mol. weight [g/mol]: 330.61

Physical Properties

Property code	Value	Unit	Source
log10ws	-0.69		Crippen Method
logp	4.867		Crippen Method
rinpol	1632.00		NIST Webbook
rinpol	1632.00		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=U416416&Units=SI>

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.chemeo.com/cid/114-083-3/Silane-methylvinyl-isobutoxy-methylvinylhexyloxysilyloxy.pdf>

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