

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

Inchi: InChI=1S/C32H66O3Si2/c1-8-13-15-16-17-18-19-20-21-22-23-24-25-26-27-28-31-33-36
InchiKey: GH TLZPBLGICNKM-UHFFFAOYSA-N
Formula: C₃₂H₆₆O₃Si₂
SMILES: C=C[Si](C)(OCCCCCCCCCCCCCCCCCCC)O[Si](C)(C=C)OC(CCC)CCCC
Mol. weight [g/mol]: 555.04

Physical Properties

Property code	Value	Unit	Source
log10ws	-7.74		Crippen Method
logp	11.251		Crippen Method
rinpol	2964.00		NIST Webbook

Sources

Crippen Method: https://www.chemeo.com/doc/models/crippen_log10ws
NIST Webbook: <http://webbook.nist.gov/cgi/cbook.cgi?ID=U416857&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

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<https://www.chemeo.com/cid/77-220-2/Silane-methylvinyl-oct-4-yloxy-methylvinyloctadecyloxysilyloxy.pdf>

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