

Silane, methylvinyl(oct-4-yloxy)(methylvinylheptadecyloxy)silyloxy

Inchi: InChI=1S/C31H64O3Si2/c1-8-13-15-16-17-18-19-20-21-22-23-24-25-26-27-30-32-35(6,10,14,18,22,26,30,34)/1-2,3-4,5-6,7-8,9-10,11-12,13-14,15-16,17-18,19-20,21-22,23-24,25-26,27-28,29-30,31-32,33-34,35-36
InchiKey: MUIPIHUVVNTSSC-UHFFFAOYSA-N
Formula: C31H64O3Si2
SMILES: C=C[Si](C)(OCCCCCCCCCCCCCCCCCC)O[Si](C)(C=C)OC(CCC)CCCC
Mol. weight [g/mol]: 541.01

Physical Properties

Property code	Value	Unit	Source
log10ws	-7.32		Crippen Method
logp	10.861		Crippen Method
rinpol	2867.00		NIST Webbook
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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=U416856&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/119-362-8/Silane-methylvinyl-oct-4-yloxy-methylvinylheptadecyloxysilyloxy.pdf>

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