

Silane, methylvinyl(dodecyloxy)(methylvinylheptadecyloxy)silyloxy

Inchi: InChI=1S/C35H72O3Si2/c1-7-11-13-15-17-19-21-22-23-24-25-27-29-31-33-35-37-40(6,10,14,18,22,26,30,34,38,42)/O1=Si(C)OC(O)Si(C)C=C
InchiKey: KHRSYNMPLCVNDD-UHFFFAOYSA-N
Formula: C35H72O3Si2
SMILES: C=C[Si](C)(OCCCCCCCCCCCCC)O[Si](C)(C=C)OCCCCCCCCCCCCCCCCC
Mol. weight [g/mol]: 597.12

Physical Properties

Property code	Value	Unit	Source
log10ws	-8.88		Crippen Method
logp	12.423		Crippen Method
rinpol	3328.00		NIST Webbook
rinpol	3328.00		NIST Webbook

Sources

NIST Webbook: <http://webbook.nist.gov/cgi/cbook.cgi?ID=U416891&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/78-046-5/Silane-methylvinyl-dodecyloxy-methylvinylheptadecyloxysilyloxy.pdf>

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