

Silane, methylvinyl(hept-2-yloxy)(methylvinylhexadecyloxy)silyloxy

Inchi: InChI=1S/C29H60O3Si2/c1-8-12-14-15-16-17-18-19-20-21-22-23-24-26-28-30-33(6,10-33)/Si1(C)OC(C)CCCCC

InchiKey: UHSGKUGBWFGLPW-UHFFFAOYSA-N

Formula: C₂₉H₆₀O₃Si₂

SMILES: C=C[Si](C)(OCCCCCCCCCCCCCCCC)O[Si](C)(C=C)OC(C)CCCC

Mol. weight [g/mol]: 512.96

Physical Properties

Property code	Value	Unit	Source
log10ws	-6.48		Crippen Method
logp	10.081		Crippen Method
rinpol	2433.00		NIST Webbook
rinpol	2433.00		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=U415889&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/112-994-4/Silane-methylvinyl-hept-2-yloxy-methylvinylhexadecyloxy.pdf>

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