

Silane, methylvinyl(pentyloxy)(methylvinyloctadecyloxysilyloxy)silane

Inchi: InChI=1S/C29H60O3Si2/c1-7-11-13-14-15-16-17-18-19-20-21-22-23-24-25-27-29-31-34
InchiKey: FIZOOTRQYQLEEY-UHFFFAOYSA-N
Formula: C₂₉H₆₀O₃Si₂
SMILES: C=C[Si](C)(OCCCC)O[Si](C)(C=C)OCCCCCCCCCCCCCCCCCC
Mol. weight [g/mol]: 512.96

Physical Properties

Property code	Value	Unit	Source
log10ws	-6.37		Crippen Method
logp	10.082		Crippen Method
rinpol	1304.00		NIST Webbook
rinpol	1304.00		NIST Webbook

Sources

NIST Webbook: <http://webbook.nist.gov/cgi/cbook.cgi?ID=U416371&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

Latest version available from:

<https://www.cheméo.com/cid/115-249-8/Silane-methylvinyl-pentyloxy-methylvinyloctadecyloxysilyloxy.pdf>

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