

Silane, methylvinyl(dodecyloxy)hexadecyloxy-

Inchi: InChI=1S/C31H64O2Si/c1-5-8-10-12-14-16-18-19-20-21-23-25-27-29-31-33-34(4,7-3)32
InchiKey: MYZAANLJIPXXQD-UHFFFAOYSA-N
Formula: C31H64O2Si
SMILES: C=C[Si](C)(OCCCCCCCCCCCCC)OCCCCCCCCCCCCCCCCC
Mol. weight [g/mol]: 496.92

Physical Properties

Property code	Value	Unit	Source
log10ws	-9.55		Crippen Method
logp	11.219		Crippen Method
rinpol	3054.00		NIST Webbook
rinpol	3054.00		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=U416885&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/97-215-6/Silane-methylvinyl-dodecyloxy-hexadecyloxy.pdf>

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