Silane, methylvinyl(hexadecyloxy)tetradecyloxy-

Inchi: InChI=1S/C33H68O2Si/c1-5-8-10-12-14-16-18-20-21-23-25-27-29-31-33-35-36(4,7-3)34-

InchiKey: RQDSFFSTKMEZNM-UHFFFAOYSA-N

Formula: C33H68O2Si

SMILES: C=C[Si](C)(OCCCCCCCCCCCCCC)OCCCCCCCCCCCCCCC

Mol. weight [g/mol]: 524.98

Physical Properties

Property code	Value	Unit	Source
log10ws	-10.38		Crippen Method
logp	11.999		Crippen Method
rinpol	3240.00		NIST Webbook
rinpol	3240.00		NIST Webbook

Sources

Crippen Method: http://pubs.acs.org/doi/abs/10.1021/ci990307l

Crippen Method: https://www.chemeo.com/doc/models/crippen_log10ws

NIST Webbook: http://webbook.nist.gov/cgi/cbook.cgi?ID=U416898&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/98-999-6/Silane-methylvinyl-hexadecyloxy-tetradecyloxy.pdf

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