

Silane, diphenyl(cis-hex-3-en-1-yloxy)hexadecyloxy-

Inchi: InChI=1S/C34H54O2Si/c1-3-5-7-9-10-11-12-13-14-15-16-17-18-26-32-36-37(33-27-21-1
InchiKey: DNHFHGRONFMJQX-VURMDHGXSA-N
Formula: C34H54O2Si
SMILES: CCC=CCCO[Si](OCCCCCCCCCCCCCCC)(c1ccccc1)c1ccccc1
Mol. weight [g/mol]: 522.88

Physical Properties

Property code	Value	Unit	Source
log10ws	-16.88		Crippen Method
logp	9.114		Crippen Method
rinpol	3399.00		NIST Webbook
rinpol	3399.00		NIST Webbook

Sources

NIST Webbook: <http://webbook.nist.gov/cgi/cbook.cgi?ID=U368001&Units=SI>
Crippen Method: <http://pubs.acs.org/doi/abs/10.1021/ci9903071>
Crippen Method: https://www.chemeo.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.chemeo.com/cid/98-889-8/Silane-diphenyl-cis-hex-3-en-1-yloxy-hexadecyloxy.pdf>

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