

Silane, diphenylhexadecyloxy(pent-4-en-2-yloxy)-

Inchi: InChI=1S/C33H52O2Si/c1-4-6-7-8-9-10-11-12-13-14-15-16-17-24-30-34-36(35-31(3)25-5
InchiKey: UWXWLXWDGCENIX-UHFFFAOYSA-N
Formula: C33H52O2Si
SMILES: C=CCC(C)O[Si](OCCCCCCCCCCCCCCC)(c1ccccc1)c1ccccc1
Mol. weight [g/mol]: 508.85

Physical Properties

Property code	Value	Unit	Source
log10ws	-16.57		Crippen Method
logp	8.722		Crippen Method
rinpol	3217.00		NIST Webbook
rinpol	3217.00		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=U367835&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/97-226-4/Silane-diphenylhexadecyloxy-pent-4-en-2-yloxy.pdf>

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