

Silane, diphenyl(3-cyclohexenylmethoxy)tetradecyloxy-

Inchi: InChI=1S/C33H50O2Si/c1-2-3-4-5-6-7-8-9-10-11-12-22-29-34-36(32-25-18-14-19-26-32,
InchiKey: PPQYXXAOBMHRFR-UHFFFAOYSA-N
Formula: C33H50O2Si
SMILES: CCCCCCCCCCCCCO[Si](OCC1CC=CCC1)(c1cccc1)c1cccc1
Mol. weight [g/mol]: 506.83

Physical Properties

Property code	Value	Unit	Source
log10ws	-16.11		Crippen Method
logp	8.334		Crippen Method
rinsol	3410.00		NIST Webbook
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Sources

Crippen Method: https://www.chemeo.com/doc/models/crippen_log10ws
NIST Webbook: <http://webbook.nist.gov/cgi/cbook.cgi?ID=U368202&Units=SI>
Crippen Method: <http://pubs.acs.org/doi/abs/10.1021/ci990307l>

Legend

log10ws: Log10 of Water solubility in mol/l
logp: Octanol/Water partition coefficient
rinsol: Non-polar retention indices

Latest version available from:

<https://www.chemeo.com/cid/97-225-5/Silane-diphenyl-3-cyclohexenylmethoxy-tetradecyloxy.pdf>

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