

Silane, diphenyl(3-cyclohexenylmethoxy)decyloxy-

Inchi: InChI=1S/C29H42O2Si/c1-2-3-4-5-6-7-8-18-25-30-32(28-21-14-10-15-22-28,29-23-16-11)/1-29H,1S,1O,2O,2Si
InchiKey: XWTNYAPMSFDBQG-UHFFFAOYSA-N
Formula: C₂₉H₄₂O₂Si
SMILES: CCCCCCCCCO[Si](OCC1CC=CCC1)(c1cccc1)c1cccc1
Mol. weight [g/mol]: 450.73

Physical Properties

Property code	Value	Unit	Source
log10ws	-14.44		Crippen Method
logp	6.773		Crippen Method
rinpol	3005.00		NIST Webbook
rinpol	3005.00		NIST Webbook

Sources

NIST Webbook: <http://webbook.nist.gov/cgi/cbook.cgi?ID=U368199&Units=SI>
Crippen Method: <http://pubs.acs.org/doi/abs/10.1021/ci9903071>
Crippen Method: https://www.cheméo.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.cheméo.com/cid/117-868-9/Silane-diphenyl-3-cyclohexenylmethoxy-decyloxy.pdf>

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