

Silane, diphenyl(2-decyloxy)tridecyloxy-

Inchi: InChI=1S/C35H58O2Si/c1-4-6-8-10-12-13-14-15-16-18-26-32-36-38(34-28-22-19-23-29-
InchiKey: LHKVLKGMLGJIIU-UHFFFAOYSA-N
Formula: C35H58O2Si
SMILES: CCCCCCCCCCCCCO[Si](OC(C)CCCCCCC)(c1cccc1)c1cccc1
Mol. weight [g/mol]: 538.92

Physical Properties

| Property code | Value | Unit | Source |
|---------------|---------|------|----------------|
| log10ws | -17.56 | | Crippen Method |
| logp | 9.726 | | Crippen Method |
| rinpol | 3344.00 | | NIST Webbook |
| rinpol | 3344.00 | | 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=U367591&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/98-905-9/Silane-diphenyl-2-decyloxy-tridecyloxy.pdf>

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