

Silane, diphenyl(8-chlorooctyloxy)undecyloxy-

Inchi: InChI=1S/C31H49ClO2Si/c1-2-3-4-5-6-7-9-12-21-28-33-35(30-23-16-14-17-24-30,31-25-26-27-28-29-30-31)/Cl
InchiKey: FOCGDNULHABTEF-UHFFFAOYSA-N
Formula: C31H49ClO2Si
SMILES: CCCCCCCCCCO[Si](CCCCCCCCCl)(c1ccccc1)c1ccccc1
Mol. weight [g/mol]: 517.26

Physical Properties

| Property code | Value | Unit | Source |
|---------------|---------|------|----------------|
| log10ws | -15.92 | | Crippen Method |
| logp | 8.386 | | Crippen Method |
| rinpol | 3394.00 | | NIST Webbook |
| rinpol | 3394.00 | | 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=U367522&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/41-510-9/Silane-diphenyl-8-chlorooctyloxy-undecyloxy.pdf>

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