

Silane, diphenyl(2-decyloxy)propoxy-

Inchi: InChI=1S/C25H38O2Si/c1-4-6-7-8-9-12-17-23(3)27-28(26-22-5-2,24-18-13-10-14-19-24)
InchiKey: PLIGPOOAOBLXCR-UHFFFAOYSA-N
Formula: C25H38O2Si
SMILES: CCCCCCCC(C)O[Si](OCCC)(c1ccccc1)c1ccccc1
Mol. weight [g/mol]: 398.65

Physical Properties

| Property code | Value | Unit | Source |
|---------------|---------|------|----------------|
| log10ws | -13.37 | | Crippen Method |
| logp | 5.825 | | Crippen Method |
| rinpol | 2424.00 | | NIST Webbook |

Sources

Crippen Method: https://www.chemeo.com/doc/models/crippen_log10ws
NIST Webbook: <http://webbook.nist.gov/cgi/cbook.cgi?ID=U367580&Units=SI>
Crippen Method: <http://pubs.acs.org/doi/abs/10.1021/ci9903071>

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/22-734-2/Silane-diphenyl-2-decyloxy-propoxy.pdf>

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