

Silane, diphenyl(2,2,3,4,4,4-hexafluorobutoxy)undecyloxy

Inchi: InChI=1S/C27H36F6O2Si/c1-2-3-4-5-6-7-8-9-16-21-34-36(23-17-12-10-13-18-23,24-19-20)/1-2
InchiKey: XINXRDAVURMBFV-UHFFFAOYSA-N
Formula: C27H36F6O2Si
SMILES: CCCCCCCCCCO[Si](OCC(F)(F)C(F)C(F)(F)(F)(c1cccc1)c1cccc1
Mol. weight [g/mol]: 534.65

Physical Properties

| Property code | Value | Unit | Source |
|---------------|---------|------|----------------|
| log10ws | -15.04 | | Crippen Method |
| logp | 7.343 | | Crippen Method |
| rinsol | 2490.00 | | NIST Webbook |
| rinsol | 2490.00 | | NIST Webbook |

Sources

NIST Webbook: <http://webbook.nist.gov/cgi/cbook.cgi?ID=U368175&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
rinsol: Non-polar retention indices

Latest version available from:

<https://www.cheméo.com/cid/19-366-5/Silane-diphenyl-2-2-3-4-4-4-hexafluorobutoxy-undecyloxy.pdf>

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