

Silane, diphenyl(2-fluoroethoxy)pentadecyloxy-

Inchi: InChI=1S/C29H45FO2Si/c1-2-3-4-5-6-7-8-9-10-11-12-13-20-26-31-33(32-27-25-30,28-29)/1
InchiKey: IXLUYUHDICIGWJK-UHFFFAOYSA-N
Formula: C₂₉H₄₅FO₂Si
SMILES: CCCCCCCCCCCCCCO[Si](OCCF)(c1ccccc1)c1ccccc1
Mol. weight [g/mol]: 472.75

Physical Properties

| Property code | Value | Unit | Source |
|---------------|---------|------|----------------|
| log10ws | -14.79 | | Crippen Method |
| logp | 7.337 | | Crippen Method |
| rinpol | 3047.00 | | NIST Webbook |

Sources

Crippen Method: <http://pubs.acs.org/doi/abs/10.1021/ci990307l>
Crippen Method: https://www.cheméo.com/doc/models/crippen_log10ws
NIST Webbook: <http://webbook.nist.gov/cgi/cbook.cgi?ID=U368143&Units=SI>

Legend

log10ws: Log10 of Water solubility in mol/l
logp: Octanol/Water partition coefficient
rinpol: Non-polar retention indices

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