

Silane, diphenylisobutoxy(2,2,3,3-tetrafluoropropoxy)-

Inchi: InChI=1S/C19H22F4O2Si/c1-15(2)13-24-26(16-9-5-3-6-10-16,17-11-7-4-8-12-17)25-14-
InchiKey: DZTJZCNBKHHEBS-UHFFFAOYSA-N
Formula: C19H22F4O2Si
SMILES: CC(C)CO[Si](OCC(F)(F)C(F)F)(c1ccccc1)c1ccccc1
Mol. weight [g/mol]: 386.46

Physical Properties

| Property code | Value | Unit | Source |
|---------------|---------|------|----------------|
| log10ws | -11.13 | | Crippen Method |
| logp | 3.833 | | Crippen Method |
| rinpol | 1841.00 | | NIST Webbook |

Sources

Crippen Method: https://www.chemeo.com/doc/models/crippen_log10ws
NIST Webbook: <http://webbook.nist.gov/cgi/cbook.cgi?ID=U368099&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/52-935-6/Silane-diphenylisobutoxy-2-2-3-3-tetrafluoropropoxy.pdf>

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