

Silane, diphenyldecyloxy(3-methylbut-2-yloxy)-

Inchi: InChI=1S/C27H42O2Si/c1-5-6-7-8-9-10-11-18-23-28-30(29-25(4)24(2)3,26-19-14-12-15-
InchiKey: WCUHEGHZEIQIGR-UHFFFAOYSA-N
Formula: C27H42O2Si
SMILES: CCCCCCCCCO[Si](OC(C)C(C)C)(c1ccccc1)c1ccccc1
Mol. weight [g/mol]: 426.71

Physical Properties

| Property code | Value | Unit | Source |
|---------------|---------|------|----------------|
| log10ws | -13.97 | | Crippen Method |
| logp | 6.461 | | Crippen Method |
| rinsol | 2606.00 | | NIST Webbook |
| rinsol | 2606.00 | | 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=U367647&Units=SI>

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.chemeo.com/cid/57-866-8/Silane-diphenyldecyloxy-3-methylbut-2-yloxy.pdf>

Generated by Cheméo on 2024-04-27 10:54:18.572983632 +0000 UTC m=+16504507.493560954.

Cheméo (<https://www.chemeo.com>) is the biggest free database of chemical and physical data for the process industry.