

Silane, diphenyl(cis-4-methylcyclohexyloxy)hexyloxy-

Inchi: InChI=1S/C25H36O2Si/c1-3-4-5-12-21-26-28(24-13-8-6-9-14-24,25-15-10-7-11-16-25)27
InchiKey: AORUIELKIXQZED-UHFFFAOYSA-N
Formula: C25H36O2Si
SMILES: CCCCCCO[Si](OC1CCC(C)CC1)(c1cccc1)c1cccc1
Mol. weight [g/mol]: 396.64

Physical Properties

| Property code | Value | Unit | Source |
|---------------|---------|------|----------------|
| log10ws | -13.02 | | Crippen Method |
| logp | 5.435 | | Crippen Method |
| rinpol | 2502.00 | | NIST Webbook |

Sources

Crippen Method: <http://pubs.acs.org/doi/abs/10.1021/ci9903071>
Crippen Method: https://www.cheméo.com/doc/models/crippen_log10ws
NIST Webbook: <http://webbook.nist.gov/cgi/cbook.cgi?ID=U367470&Units=SI>

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.cheméo.com/cid/23-617-1/Silane-diphenyl-cis-4-methylcyclohexyloxy-hexyloxy.pdf>

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