

Silane, diphenyl(4-heptyloxy)nonyloxy-

Inchi: InChI=1S/C28H44O2Si/c1-4-7-8-9-10-11-18-25-29-31(27-21-14-12-15-22-27,28-23-16-1
InchiKey: AMUZLQHOWMYSGL-UHFFFAOYSA-N
Formula: C28H44O2Si
SMILES: CCCCCCCCCO[Si](OC(CCC)CCC)(c1ccccc1)c1ccccc1
Mol. weight [g/mol]: 440.73

Physical Properties

| Property code | Value | Unit | Source |
|---------------|---------|------|----------------|
| log10ws | -14.63 | | Crippen Method |
| logp | 6.996 | | Crippen Method |
| rinpol | 2619.00 | | NIST Webbook |

Sources

NIST Webbook: <http://webbook.nist.gov/cgi/cbook.cgi?ID=U367505&Units=SI>
Crippen Method: <http://pubs.acs.org/doi/abs/10.1021/ci9903071>
Crippen Method: https://www.chemeo.com/doc/models/crippen_log10ws

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/11-516-6/Silane-diphenyl-4-heptyloxy-nonyloxy.pdf>

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