

Silane, diphenyl(cis-hex-3-en-1-yloxy)nonyloxy-

Inchi: InChI=1S/C27H40O2Si/c1-3-5-7-9-10-11-19-25-29-30(26-20-14-12-15-21-26,27-22-16-1
InchiKey: GQLWJOFDZTUNKJ-VURMDHGXSA-N
Formula: C27H40O2Si
SMILES: CCC=CCCO[Si](OCCCCCCCC)(c1ccccc1)c1ccccc1
Mol. weight [g/mol]: 424.69

Physical Properties

| Property code | Value | Unit | Source |
|---------------|---------|------|----------------|
| log10ws | -13.95 | | Crippen Method |
| logp | 6.383 | | Crippen Method |
| rinpol | 2692.00 | | NIST Webbook |
| rinpol | 2692.00 | | 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=U367994&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.chemeo.com/cid/94-847-8/Silane-diphenyl-cis-hex-3-en-1-yloxy-nonyloxy.pdf>

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