

Silane, diphenyl(8-chlorooctyloxy)octyloxy-

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|-----------------------------|--|
| Inchi: | InChI=1S/C28H43ClO2Si/c1-2-3-4-5-9-18-25-30-32(27-20-13-11-14-21-27,28-22-15-12- |
| InchiKey: | NZYMSHHOGJNENK-UHFFFAOYSA-N |
| Formula: | C28H43ClO2Si |
| SMILES: | CCCCCCCCO[Si](CCCCCCCCCl)(c1cccc1)c1cccc1 |
| Mol. weight [g/mol]: | 475.18 |

Physical Properties

| Property code | Value | Unit | Source |
|---------------|---------|------|----------------|
| log10ws | -14.67 | | Crippen Method |
| logp | 7.216 | | Crippen Method |
| rinpol | 3101.00 | | NIST Webbook |

Sources

| | |
|------------------------|---|
| Crippen Method: | https://www.chemeo.com/doc/models/crippen_log10ws |
| NIST Webbook: | http://webbook.nist.gov/cgi/cbook.cgi?ID=U367520&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/61-855-5/Silane-diphenyl-8-chlorooctyloxy-octyloxy.pdf>

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