

Silane, dimethyl(4-chlorobenzoyloxy)hexyloxy-

Inchi: InChI=1S/C15H25ClO2Si/c1-4-5-6-7-12-17-19(2,3)18-13-14-8-10-15(16)11-9-14/h8-11H,
InchiKey: ZIYXZMNMZCKXEY-UHFFFAOYSA-N
Formula: C15H25ClO2Si
SMILES: CCCCCCO[Si](C)(C)OCc1ccc(Cl)cc1
Mol. weight [g/mol]: 300.90

Physical Properties

| Property code | Value | Unit | Source |
|---------------|---------|------|----------------|
| log10ws | -3.19 | | Crippen Method |
| logp | 5.155 | | Crippen Method |
| rinpol | 1860.00 | | NIST Webbook |
| rinpol | 1860.00 | | NIST Webbook |

Sources

NIST Webbook: <http://webbook.nist.gov/cgi/cbook.cgi?ID=U346998&Units=SI>
Crippen Method: <http://pubs.acs.org/doi/abs/10.1021/ci9903071>
Crippen Method: https://www.cheméo.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.cheméo.com/cid/47-669-8/Silane-dimethyl-4-chlorobenzoyloxy-hexyloxy.pdf>

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