

Silane, (3-chlorophenoxy)dimethyl(isohexyloxydimethyl

Inchi: InChI=1S/C16H29ClO3Si2/c1-14(2)9-8-12-18-21(3,4)20-22(5,6)19-16-11-7-10-15(17)13-
InchiKey: UIBORLCMECAHOJ-UHFFFAOYSA-N
Formula: C16H29ClO3Si2
SMILES: CC(C)CCCO[Si](C)(C)O[Si](C)(C)Oc1cccc(Cl)c1
Mol. weight [g/mol]: 361.02

Physical Properties

| Property code | Value | Unit | Source |
|---------------|---------|------|----------------|
| log10ws | -1.24 | | Crippen Method |
| logp | 5.592 | | Crippen Method |
| rinpol | 1851.00 | | NIST Webbook |
| rinpol | 1851.00 | | 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=U346895&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/124-257-9/Silane-3-chlorophenoxy-dimethyl-isohexyloxydimethylsilyloxy.pdf>

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