

Silane, dimethyl(3,5-dichlorophenoxy)butoxy-

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|-----------------------------|--|
| Inchi: | InChI=1S/C12H18Cl2O2Si/c1-4-5-6-15-17(2,3)16-12-8-10(13)7-11(14)9-12/h7-9H,4-6H2 |
| InchiKey: | HNQIOFOCAIDUBI-UHFFFAOYSA-N |
| Formula: | C12H18Cl2O2Si |
| SMILES: | CCCCO[Si](C)(C)Oc1cc(Cl)cc(Cl)c1 |
| Mol. weight [g/mol]: | 293.26 |

Physical Properties

| Property code | Value | Unit | Source |
|---------------|---------|------|----------------|
| log10ws | -2.77 | | Crippen Method |
| logp | 4.891 | | Crippen Method |
| rinpol | 1643.00 | | 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=U347519&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/10-115-2/Silane-dimethyl-3-5-dichlorophenoxy-butoxy.pdf>

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