

Silane, chlorodiethyl(2,6-dimethoxyphenoxy)-

Inchi: InChI=1S/C12H19ClO3Si/c1-5-17(13,6-2)16-12-10(14-3)8-7-9-11(12)15-4/h7-9H,5-6H2,1
InchiKey: FNYZYWHIBNRFDA-UHFFFAOYSA-N
Formula: C12H19ClO3Si
SMILES: CC[Si](Cl)(CC)Oc1c(OC)cccc1OC
Mol. weight [g/mol]: 274.82

Physical Properties

| Property code | Value | Unit | Source |
|---------------|---------|------|----------------|
| log10ws | -1.87 | | Crippen Method |
| logp | 3.803 | | Crippen Method |
| rinpol | 1736.00 | | 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=U363254&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/65-060-3/Silane-chlorodiethyl-2-6-dimethoxyphenoxy.pdf>

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