

Silane, chloromethyl, methyl, bis-(4-methylphenoxy)

Inchi: InChI=1S/C16H19ClSi/c1-13-4-8-15(9-5-13)18(3,12-17)16-10-6-14(2)7-11-16/h4-11H,12
InchiKey: OTQJKRXEFQOQHM-UHFFFAOYSA-N
Formula: C16H19ClSi
SMILES: Cc1ccc([Si](C)(CCl)c2ccc(C)cc2)cc1
Mol. weight [g/mol]: 274.86

Physical Properties

| Property code | Value | Unit | Source |
|---------------|---------|------|----------------|
| log10ws | -10.51 | | Crippen Method |
| logp | 3.274 | | Crippen Method |
| rinpol | 2030.00 | | 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=R311698&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/44-895-0/Silane-chloromethyl-methyl-bis-4-methylphenoxy.pdf>

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