

Silane, diethyl(4-chloro-3-methylphenoxy)pentyloxy-

Inchi: InChI=1S/C16H27ClO2Si/c1-5-8-9-12-18-20(6-2,7-3)19-15-10-11-16(17)14(4)13-15/h10-
InchiKey: LCLDAQQUEBQGJI-UHFFFAOYSA-N
Formula: C16H27ClO2Si
SMILES: CCCCCO[Si](CC)(CC)Oc1ccc(Cl)c(C)c1
Mol. weight [g/mol]: 314.92

Physical Properties

| Property code | Value | Unit | Source |
|---------------|---------|------|----------------|
| log10ws | -3.82 | | Crippen Method |
| logp | 5.716 | | Crippen Method |
| rinpol | 1899.00 | | NIST Webbook |

Sources

Crippen Method: https://www.chemeo.com/doc/models/crippen_log10ws
NIST Webbook: <http://webbook.nist.gov/cgi/cbook.cgi?ID=U363829&Units=SI>
Crippen Method: <http://pubs.acs.org/doi/abs/10.1021/ci9903071>

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/19-821-9/Silane-diethyl-4-chloro-3-methylphenoxy-pentyloxy.pdf>

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