

Silane, diethyl(2,4-dichlorophenoxy)octyloxy-

Inchi: InChI=1S/C18H30Cl2O2Si/c1-4-7-8-9-10-11-14-21-23(5-2,6-3)22-18-13-12-16(19)15-17
InchiKey: AXQHJJKCHIWYRK-UHFFFAOYSA-N
Formula: C18H30Cl2O2Si
SMILES: CCCCCCCCO[Si](CC)(CC)Oc1ccc(Cl)cc1Cl
Mol. weight [g/mol]: 377.42

Physical Properties

| Property code | Value | Unit | Source |
|---------------|---------|------|----------------|
| log10ws | -5.29 | | Crippen Method |
| logp | 7.231 | | Crippen Method |
| rinpol | 2253.00 | | NIST Webbook |

Sources

NIST Webbook: <http://webbook.nist.gov/cgi/cbook.cgi?ID=U363190&Units=SI>
Crippen Method: <http://pubs.acs.org/doi/abs/10.1021/ci9903071>
Crippen Method: https://www.cheméo.com/doc/models/crippen_log10ws

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.cheméo.com/cid/53-584-5/Silane-diethyl-2-4-dichlorophenoxy-octyloxy.pdf>

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