

Silane, diethylhexyloxy(3-hexyloxy)-

Inchi: InChI=1S/C16H36O2Si/c1-6-11-12-13-15-17-19(9-4,10-5)18-16(8-3)14-7-2/h16H,6-15H2
InchiKey: DSNHTBYJKKBXNA-UHFFFAOYSA-N
Formula: C16H36O2Si
SMILES: CCCCCCO[Si](CC)(CC)OC(CC)CCC
Mol. weight [g/mol]: 288.54

Physical Properties

| Property code | Value | Unit | Source |
|---------------|---------|------|----------------|
| log10ws | -3.44 | | Crippen Method |
| logp | 5.661 | | Crippen Method |
| rinpol | 1486.00 | | NIST Webbook |

Sources

Crippen Method: https://www.chemeo.com/doc/models/crippen_log10ws
NIST Webbook: <http://webbook.nist.gov/cgi/cbook.cgi?ID=U363455&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/51-236-3/Silane-diethylhexyloxy-3-hexyloxy.pdf>

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