

Silane, diethyl(2-methoxyethoxy)octyloxy-

Inchi: InChI=1S/C15H34O3Si/c1-5-8-9-10-11-12-13-17-19(6-2,7-3)18-15-14-16-4/h5-15H2,1-4H
InchiKey: DLMBBPWSLGFAQI-UHFFFAOYSA-N
Formula: C15H34O3Si
SMILES: CCCCCCCO[Si](CC)(CC)OCCOC
Mol. weight [g/mol]: 290.51

Physical Properties

| Property code | Value | Unit | Source |
|---------------|---------|------|----------------|
| log10ws | -2.00 | | Crippen Method |
| logp | 4.509 | | Crippen Method |
| rinpol | 1689.00 | | NIST Webbook |
| rinpol | 1689.00 | | 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=U363540&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/29-240-3/Silane-diethyl-2-methoxyethoxy-octyloxy.pdf>

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