

Silane, dimethyl(dimethyloctyloxysilyloxy)propoxy-

Inchi: InChI=1S/C15H36O3Si2/c1-7-9-10-11-12-13-15-17-20(5,6)18-19(3,4)16-14-8-2/h7-15H2
InchiKey: GIGQFXJWQAKJPQ-UHFFFAOYSA-N
Formula: C15H36O3Si2
SMILES: CCCCCCO[Si](C)(C)O[Si](C)(C)OCCC
Mol. weight [g/mol]: 320.62

Physical Properties

| Property code | Value | Unit | Source |
|---------------|---------|------|----------------|
| log10ws | -0.63 | | Crippen Method |
| logp | 5.210 | | Crippen Method |
| rinpol | 1532.00 | | NIST Webbook |
| rinpol | 1532.00 | | 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=U346733&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/36-702-2/Silane-dimethyl-dimethyloctyloxysilyloxy-propoxy.pdf>

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