

Silane, dimethyl(2-octyloxy)heptyloxy-

Inchi: InChI=1S/C17H38O2Si/c1-6-8-10-12-14-16-18-20(4,5)19-17(3)15-13-11-9-7-2/h17H,6-16H
InchiKey: PCGNKGIXVMKFOR-UHFFFAOYSA-N
Formula: C17H38O2Si
SMILES: CCCCCCO[Si](C)(C)OC(C)CCCCCC
Mol. weight [g/mol]: 302.57

Physical Properties

| Property code | Value | Unit | Source |
|---------------|---------|------|----------------|
| log10ws | -3.86 | | Crippen Method |
| logp | 6.051 | | Crippen Method |
| rinpol | 1682.00 | | NIST Webbook |
| rinpol | 1682.00 | | 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=U346845&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/120-777-6/Silane-dimethyl-2-octyloxy-heptyloxy.pdf>

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