

Silane, dimethyl(2-octyloxy)octadecyloxy-

Inchi: InChI=1S/C28H60O2Si/c1-6-8-10-12-13-14-15-16-17-18-19-20-21-22-23-25-27-29-31(4,
InchiKey: WSZPHFYMJSHSFK-UHFFFAOYSA-N
Formula: C28H60O2Si
SMILES: CCCCCCCCCCCCCCCCCO[Si](C)(C)OC(C)CCCCC
Mol. weight [g/mol]: 456.86

Physical Properties

| Property code | Value | Unit | Source |
|---------------|---------|------|----------------|
| log10ws | -8.46 | | Crippen Method |
| logp | 10.342 | | Crippen Method |
| rinpol | 2734.00 | | NIST Webbook |
| rinpol | 2734.00 | | 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=U346852&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/98-269-6/Silane-dimethyl-2-octyloxy-octadecyloxy.pdf>

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