

Silane, dimethyl(4-heptyloxy)nonyloxy-

Inchi: InChI=1S/C18H40O2Si/c1-6-9-10-11-12-13-14-17-19-21(4,5)20-18(15-7-2)16-8-3/h18H,6
InchiKey: ILCZDWGZHXZICX-UHFFFAOYSA-N
Formula: C18H40O2Si
SMILES: CCCCCCCCCO[Si](C)(C)OC(CCC)CCC
Mol. weight [g/mol]: 316.59

Physical Properties

| Property code | Value | Unit | Source |
|---------------|---------|------|----------------|
| log10ws | -4.28 | | Crippen Method |
| logp | 6.441 | | Crippen Method |
| rinpol | 1751.00 | | NIST Webbook |
| rinpol | 1751.00 | | 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=U347604&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/97-489-3/Silane-dimethyl-4-heptyloxy-nonyloxy.pdf>

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