

Silane, dimethyl(4-heptyloxy)pentyl-oxo-

Inchi: InChI=1S/C14H32O2Si/c1-6-9-10-13-15-17(4,5)16-14(11-7-2)12-8-3/h14H,6-13H2,1-5H3
InchiKey: RBZYANCAIYHBMGQ-UHFFFAOYSA-N
Formula: C14H32O2Si
SMILES: CCCCCO[Si](C)(C)OC(CCC)CCC
Mol. weight [g/mol]: 260.49

Physical Properties

| Property code | Value | Unit | Source |
|---------------|---------|------|----------------|
| log10ws | -2.60 | | Crippen Method |
| logp | 4.880 | | Crippen Method |
| rinpol | 1366.00 | | NIST Webbook |

Sources

NIST Webbook: <http://webbook.nist.gov/cgi/cbook.cgi?ID=U347602&Units=SI>
Crippen Method: <http://pubs.acs.org/doi/abs/10.1021/ci9903071>
Crippen Method: https://www.cheméo.com/doc/models/crippen_log10ws

Legend

log10ws: Log10 of Water solubility in mol/l
logp: Octanol/Water partition coefficient
rinpol: Non-polar retention indices

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