

Silane, diethyl(2-methylbutoxy)pentyl-oxo-

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

Physical Properties

| Property code | Value | Unit | Source |
|---------------|---------|------|----------------|
| log10ws | -2.25 | | Crippen Method |
| logp | 4.738 | | Crippen Method |
| rinpol | 1417.00 | | NIST Webbook |
| rinpol | 1417.00 | | NIST Webbook |

Sources

Crippen Method: https://www.chemeo.com/doc/models/crippen_log10ws
NIST Webbook: <http://webbook.nist.gov/cgi/cbook.cgi?ID=U363099&Units=SI>
Crippen Method: <http://pubs.acs.org/doi/abs/10.1021/ci9903071>

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/29-490-6/Silane-diethyl-2-methylbutoxy-pentyl-oxo-.pdf>

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