

Silane, diethylbutoxy(3-methylpent-2-yloxy)-

Inchi: InChI=1S/C14H32O2Si/c1-7-11-12-15-17(9-3,10-4)16-14(6)13(5)8-2/h13-14H,7-12H2,1-6H3
InchiKey: WYYUYJNUYNRQNV-UHFFFAOYSA-N
Formula: C14H32O2Si
SMILES: CCCCC[Si](CC)(CC)OC(C)C(C)CC
Mol. weight [g/mol]: 260.49

Physical Properties

| Property code | Value | Unit | Source |
|---------------|---------|------|----------------|
| log10ws | -2.36 | | Crippen Method |
| logp | 4.736 | | Crippen Method |
| rinpol | 1382.00 | | NIST Webbook |
| rinpol | 1382.00 | | 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=U363762&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/58-846-9/Silane-diethylbutoxy-3-methylpent-2-yloxy.pdf>

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