

Silane, diethyldiisobutoxy-

Inchi: InChI=1S/C12H28O2Si/c1-7-15(8-2,13-9-11(3)4)14-10-12(5)6/h11-12H,7-10H2,1-6H3
InchiKey: ILNNKTCXKKHGDM-UHFFFAOYSA-N
Formula: C12H28O2Si
SMILES: CC[Si](CC)(OCC(C)C)OCC(C)C
Mol. weight [g/mol]: 232.44

Physical Properties

| Property code | Value | Unit | Source |
|---------------|---------|------|----------------|
| log10ws | -1.17 | | Crippen Method |
| logp | 3.814 | | Crippen Method |
| rinpol | 1195.00 | | NIST Webbook |
| rinpol | 1195.00 | | 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=U363058&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/32-735-0/Silane-diethyldiisobutoxy.pdf>

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