

Silane, diethylisohexyloxy(2-octyloxy)-

Inchi: InChI=1S/C18H40O2Si/c1-7-10-11-12-15-18(6)20-21(8-2,9-3)19-16-13-14-17(4)5/h17-18
InchiKey: JBGRRRDUONDPCM-UHFFFAOYSA-N
Formula: C18H40O2Si
SMILES: CCCCCC(C)O[Si](CC)(CC)OCCCC(C)C
Mol. weight [g/mol]: 316.59

Physical Properties

| Property code | Value | Unit | Source |
|---------------|---------|------|----------------|
| log10ws | -4.03 | | Crippen Method |
| logp | 6.297 | | Crippen Method |
| rinpol | 1725.00 | | NIST Webbook |
| rinpol | 1725.00 | | NIST Webbook |

Sources

Crippen Method: https://www.chemeo.com/doc/models/crippen_log10ws
NIST Webbook: <http://webbook.nist.gov/cgi/cbook.cgi?ID=U363012&Units=SI>
Crippen Method: <http://pubs.acs.org/doi/abs/10.1021/ci990307l>

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/57-213-2/Silane-diethylisohexyloxy-2-octyloxy.pdf>

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