

1-Decanoylethanol, TMS

Inchi: InChI=1S/C15H32O3Si/c1-5-6-7-8-9-10-11-12-15(16)17-13-14-18-19(2,3)4/h5-14H2,1-4H1
InchiKey: ZJMHGTYVDRGJGG-UHFFFAOYSA-N
Formula: C15H32O3Si
SMILES: CCCCCCCCC(=O)OCCO[Si](C)(C)C
Mol. weight [g/mol]: 288.50

Physical Properties

| Property code | Value | Unit | Source |
|---------------|---------|------|----------------|
| log10ws | -2.10 | | Crippen Method |
| logp | 4.522 | | Crippen Method |
| rinpol | 1732.00 | | NIST Webbook |
| rinpol | 1732.00 | | 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=R391085&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/83-730-9/1-Decanoylethanol-TMS.pdf>

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