

2-Hydroxymyristic acid, TBDMS

Inchi: InChI=1S/C26H56O3Si2/c1-12-13-14-15-16-17-18-19-20-21-22-23(28-30(8,9)25(2,3)4)2
InchiKey: YPOSYRNXCVKZMS-UHFFFAOYSA-N
Formula: C26H56O3Si2
SMILES: CCCCCCCCCCCC(O[Si](C)(C)C(C)(C)C(=O)O[Si](C)(C)C(C)(C)C
Mol. weight [g/mol]: 472.89

Physical Properties

| Property code | Value | Unit | Source |
|---------------|---------|------|----------------|
| log10ws | -4.87 | | Crippen Method |
| logp | 9.236 | | Crippen Method |
| rinpol | 2451.00 | | NIST Webbook |
| rinpol | 2451.00 | | NIST Webbook |

Sources

NIST Webbook: <http://webbook.nist.gov/cgi/cbook.cgi?ID=R563067&Units=SI>
Crippen Method: <http://pubs.acs.org/doi/abs/10.1021/ci9903071>
Crippen Method: https://www.cheméo.com/doc/models/crippen_log10ws

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.cheméo.com/cid/27-028-1/2-Hydroxymyristic-acid-TBDMS.pdf>

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