

2-Hydroxy-arachidic, methyl ester, 2-tBDMS ether

Inchi: InChI=1S/C27H56O3Si/c1-8-9-10-11-12-13-14-15-16-17-18-19-20-21-22-23-24-25(26(28
InchiKey: YWSDZQFKEKNMKE-UHFFFAOYSA-N
Formula: C27H56O3Si
SMILES: CCCCCCCCCCCCCCCCCC(O[Si](C)(C)C(C)(C)C(=O)OC
Mol. weight [g/mol]: 456.82

Physical Properties

| Property code | Value | Unit | Source |
|---------------|---------|------|----------------|
| log10ws | -7.24 | | Crippen Method |
| logp | 9.201 | | Crippen Method |
| rinpol | 2728.00 | | NIST Webbook |
| rinpol | 2728.00 | | NIST Webbook |

Sources

Crippen Method: https://www.chemeo.com/doc/models/crippen_log10ws
NIST Webbook: <http://webbook.nist.gov/cgi/cbook.cgi?ID=R186982&Units=SI>
Crippen Method: <http://pubs.acs.org/doi/abs/10.1021/ci990307I>

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/43-267-8/2-Hydroxy-arachidic-methyl-ester-2-tBDMS-ether.pdf>

Generated by Cheméo on 2024-04-26 16:59:14.930219537 +0000 UTC m=+16440003.850796848.

Cheméo (<https://www.chemeo.com>) is the biggest free database of chemical and physical data for the process industry.