

10,12-Octadecadienoic acid, 9-hydroxy, TMS, methyl ester

Inchi: InChI=1S/C22H42O3Si/c1-6-7-8-9-10-12-15-18-21(25-26(3,4)5)19-16-13-11-14-17-20-22
InchiKey: BOHZEIJAHJPBDP-IZAPIVEJSA-N
Formula: C22H42O3Si
SMILES: CCCCCC=CC=CC(CCCCCCCC(=O)OC)O[Si](C)(C)C
Mol. weight [g/mol]: 382.65

Physical Properties

| Property code | Value | Unit | Source |
|---------------|---------|------|----------------|
| log10ws | -4.85 | | Crippen Method |
| logp | 6.803 | | Crippen Method |
| rinpol | 2310.00 | | NIST Webbook |
| rinpol | 2310.00 | | NIST Webbook |

Sources

NIST Webbook: <http://webbook.nist.gov/cgi/cbook.cgi?ID=R398719&Units=SI>
Crippen Method: <http://pubs.acs.org/doi/abs/10.1021/ci9903071>
Crippen Method: https://www.chemeo.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.chemeo.com/cid/84-330-2/10-12-Octadecadienoic-acid-9-hydroxy-TMS-methyl-ester.pdf>

Generated by Cheméo on 2024-05-02 18:30:23.224579922 +0000 UTC m=+16963872.145157244.

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