

9-Hydroxy-arachidic, methyl ester, tBDMS ether

Inchi: InChI=1S/C27H56O3Si/c1-8-9-10-11-12-13-14-16-19-22-25(30-31(6,7)27(2,3)4)23-20-17
InchiKey: DOONBUIHDCIJB-UHFFFAOYSA-N
Formula: C27H56O3Si
SMILES: CCCCCCCCCC(CCCCCC(=O)OC)O[Si](C)(C)C(C)(C)C
Mol. weight [g/mol]: 456.82

Physical Properties

Property code	Value	Unit	Source
log10ws	-7.24		Crippen Method
logp	9.201		Crippen Method
rinpol	2734.00		NIST Webbook
rinpol	2734.00		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=R186695&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/91-410-5/9-Hydroxy-arachidic-methyl-ester-tBDMS-ether.pdf>

Generated by Cheméo on 2025-05-21 21:50:16.468585861 +0000 UTC m=+3173261.969030087.

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