

12-Hydroxy-arachidic, methyl ester, tBDMS ether

Inchi: InChI=1S/C27H56O3Si/c1-8-9-10-11-16-19-22-25(30-31(6,7)27(2,3)4)23-20-17-14-12-13
InchiKey: MSOZAJAVDIMHPP-UHFFFAOYSA-N
Formula: C27H56O3Si
SMILES: CCCCCCCCC(CCCCCCCCCC(=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	2736.00		NIST Webbook
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Sources

Crippen Method: <http://pubs.acs.org/doi/abs/10.1021/ci990307l>
Crippen Method: https://www.chemeo.com/doc/models/crippen_log10ws
NIST Webbook: <http://webbook.nist.gov/cgi/cbook.cgi?ID=R187341&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/29-528-4/12-Hydroxy-arachidic-methyl-ester-tBDMS-ether.pdf>

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