

Hexadecanoic acid, 14-methyl-2-trimethylsilyloxy, methyl ester

Inchi: InChI=1S/C21H44O3Si/c1-7-19(2)17-15-13-11-9-8-10-12-14-16-18-20(21(22)23-3)24-25
InchiKey: HCXQHTYSIKBUED-UHFFFAOYSA-N
Formula: C21H44O3Si
SMILES: CCC(C)CCCCCCCCCCC(O[Si](C)(C)C)C(=O)OC
Mol. weight [g/mol]: 372.66

Physical Properties

Property code	Value	Unit	Source
log10ws	-4.48		Crippen Method
logp	6.717		Crippen Method
rinpol	2193.00		NIST Webbook
rinpol	2193.00		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=R98092&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/96-214-8/Hexadecanoic-acid-14-methyl-2-trimethylsilyloxy-methyl-ester.pdf>

Generated by Cheméo on 2024-05-02 17:08:01.862440279 +0000 UTC m=+16958930.783017594.

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