

Hexadecanoic acid, 6-methyl-2-trimethylsilyloxy, methyl ester

Inchi: InChI=1S/C21H44O3Si/c1-7-8-9-10-11-12-13-14-16-19(2)17-15-18-20(21(22)23-3)24-25
InchiKey: HGYYJIIFBGDABE-UHFFFAOYSA-N
Formula: C21H44O3Si
SMILES: CCCCCCCCCC(C)CCCC(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	2154.00		NIST Webbook
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Sources

Crippen Method: https://www.chemeo.com/doc/models/crippen_log10ws
NIST Webbook: <http://webbook.nist.gov/cgi/cbook.cgi?ID=R98163&Units=SI>
Crippen Method: <http://pubs.acs.org/doi/abs/10.1021/ci9903071>

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/84-643-5/Hexadecanoic-acid-6-methyl-2-trimethylsilyloxy-methyl-ester.pdf>

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