

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

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

Physical Properties

Property code	Value	Unit	Source
log10ws	-4.73		Crippen Method
logp	6.861		Crippen Method
rinpol	2137.00		NIST Webbook
rinpol	2137.00		NIST Webbook

Sources

NIST Webbook: <http://webbook.nist.gov/cgi/cbook.cgi?ID=R98159&Units=SI>
Crippen Method: <http://pubs.acs.org/doi/abs/10.1021/ci9903071>
Crippen Method: https://www.cheméo.com/doc/models/crippen_log10ws

Legend

log10ws: Log10 of Water solubility in mol/l
logp: Octanol/Water partition coefficient
rinpol: Non-polar retention indices

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