

Pentadecanoic acid, glycerine-(1)-monoester, bis-O-trimethylsilyl-

Other names: Pentadecanoic acid, 2,3-bis-(OTMS) propyl ester («alpha»-glyceryl pentadecanoate)
Inchi: InChI=1S/C24H52O4Si2/c1-8-9-10-11-12-13-14-15-16-17-18-19-20-24(25)26-21-23(28-30)31-32-33
InchiKey: AWUAAGCXXVVRDX-UHFFFAOYSA-N
Formula: C24H52O4Si2
SMILES: CCCCCCCCCCCCCC(=O)OCC(CO[Si](C)(C)C)O[Si](C)(C)C
Mol. weight [g/mol]: 460.84

Physical Properties

Property code	Value	Unit	Source
log10ws	-3.12		Crippen Method
logp	7.692		Crippen Method
rinpola	2518.00		NIST Webbook
rinpola	2512.00		NIST Webbook
rinpola	2518.00		NIST Webbook

Sources

Crippen Method: <http://pubs.acs.org/doi/abs/10.1021/ci9903071>
Crippen Method: https://www.cheméo.com/doc/models/crippen_log10ws
NIST Webbook: <http://webbook.nist.gov/cgi/cbook.cgi?ID=U153631&Units=SI>

Legend

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

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