

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

Other names: Glycerol, mono-heptadecanoate, bis-TMS
Inchi: InChI=1S/C26H56O4Si2/c1-8-9-10-11-12-13-14-15-16-17-18-19-20-21-22-26(27)28-23-2
InchiKey: BOADCSKKOPZYCS-UHFFFAOYSA-N
Formula: C26H56O4Si2
SMILES: CCCCCCCCCCCCCCCCCC(=O)OCC(CO[Si](C)(C)C)O[Si](C)(C)C
Mol. weight [g/mol]: 488.89

Physical Properties

Property code	Value	Unit	Source
log10ws	-3.96		Crippen Method
logp	8.473		Crippen Method
rinpola	2708.00		NIST Webbook
rinpola	2709.00		NIST Webbook
rinpola	2708.00		NIST Webbook

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=U153632&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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<https://www.chemeo.com/cid/61-188-6/Heptadecanoic-acid-glycerine-1-monoester-bis-O-trimethylsilyl.pdf>

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