

Glycerol, 1,2-diheptadecanoate, 3-OTMS-

Inchi: InChI=1S/C40H80O5Si/c1-6-8-10-12-14-16-18-20-22-24-26-28-30-32-34-39(41)43-36-38
InchiKey: YPRJVVUFWIALNE-UHFFFAOYSA-N
Formula: C40H80O5Si
SMILES: CCCCCCCCCCCCCCCCC(=O)OCC(CO[Si](C)(C)C)OC(=O)CCCCCCCCCCCCCCCCC
Mol. weight [g/mol]: 669.15

Physical Properties

Property code	Value	Unit	Source
log10ws	-11.54		Crippen Method
logp	13.036		Crippen Method
rinpol	3999.00		NIST Webbook

Sources

NIST Webbook: <http://webbook.nist.gov/cgi/cbook.cgi?ID=R517069&Units=SI>
Crippen Method: <http://pubs.acs.org/doi/abs/10.1021/ci9903071>
Crippen Method: https://www.chemeo.com/doc/models/crippen_log10ws

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/54-010-0/Glycerol-1-2-diheptadecanoate-3-OTMS.pdf>

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