

Glycerol, 1-C15, 2-C15, TMS

Inchi: InChI=1S/C36H72O5Si/c1-6-8-10-12-14-16-18-20-22-24-26-28-30-35(37)39-32-34(33-40)
InchiKey: RQEFBUVYTLETAI-UHFFFAOYSA-N
Formula: C36H72O5Si
SMILES: CCCCCCCCCCCCCC(=O)OCC(CO[Si](C)(C)C)OC(=O)CCCCCCCCCCCCC
Mol. weight [g/mol]: 613.04

Physical Properties

Property code	Value	Unit	Source
log10ws	-9.87		Crippen Method
logp	11.475		Crippen Method
rinpol	3536.00		NIST Webbook
rinpol	3536.00		NIST Webbook

Sources

Crippen Method: https://www.chemeo.com/doc/models/crippen_log10ws
NIST Webbook: <http://webbook.nist.gov/cgi/cbook.cgi?ID=R398526&Units=SI>
Crippen Method: <http://pubs.acs.org/doi/abs/10.1021/ci990307l>

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/125-145-2/Glycerol-1-C15-2-C15-TMS.pdf>

Generated by Cheméo on 2024-04-28 07:57:35.991783906 +0000 UTC m=+16580304.912361217.

Cheméo (<https://www.chemeo.com>) is the biggest free database of chemical and physical data for the process industry.