

Glycerol, 1-hexadecyl ether, DTBS

Inchi: InChI=1S/C27H56O3Si/c1-8-9-10-11-12-13-14-15-16-17-18-19-20-21-22-28-23-25-24-29
InchiKey: AVUGFAGGIFIOHF-UHFFFAOYSA-N
Formula: C27H56O3Si
SMILES: CCCCCCCCCCCCCCOCC1CO[Si](C(C)(C)C)(C(C)(C)C)O1
Mol. weight [g/mol]: 456.82

Physical Properties

Property code	Value	Unit	Source
log10ws	-7.03		Crippen Method
logp	8.942		Crippen Method
rinpol	2815.00		NIST Webbook

Sources

Crippen Method: https://www.chemeo.com/doc/models/crippen_log10ws
NIST Webbook: <http://webbook.nist.gov/cgi/cbook.cgi?ID=R115410&Units=SI>
Crippen Method: <http://pubs.acs.org/doi/abs/10.1021/ci9903071>

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/86-422-8/Glycerol-1-hexadecyl-ether-DTBS.pdf>

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