

Glycerol, 1-hexadecanoate, DTBS

Inchi: InChI=1S/C27H54O4Si/c1-8-9-10-11-12-13-14-15-16-17-18-19-20-21-25(28)29-22-24-23
InchiKey: DQIMJJZWSCRBDK-UHFFFAOYSA-N
Formula: C27H54O4Si
SMILES: CCCCCCCCCCCCCC(=O)OCC1CO[Si](C(C)(C)C)(C(C)(C)C)O1
Mol. weight [g/mol]: 470.80

Physical Properties

Property code	Value	Unit	Source
log10ws	-6.80		Crippen Method
logp	8.469		Crippen Method
rinpol	2905.00		NIST Webbook
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Sources

Crippen Method: https://www.chemeo.com/doc/models/crippen_log10ws
NIST Webbook: <http://webbook.nist.gov/cgi/cbook.cgi?ID=R115405&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/86-406-6/Glycerol-1-hexadecanoate-DTBS.pdf>

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