

Elaidic acid, benzyldimethylsilyl ester

Inchi: InChI=1S/C27H46O2Si/c1-4-5-6-7-8-9-10-11-12-13-14-15-16-17-21-24-27(28)29-30(2,3)
InchiKey: WRRKWMDFQRSDMS-VAWYXSNFSA-N
Formula: C27H46O2Si
SMILES: CCCCCCCCC=CCCCCCCC(=O)O[Si](C)(C)Cc1cccc1
Mol. weight [g/mol]: 430.74

Physical Properties

Property code	Value	Unit	Source
log10ws	-7.08		Crippen Method
logp	8.554		Crippen Method
rinpol	2907.00		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=U375515&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/86-311-1/Elaidic-acid-benzyldimethylsilyl-ester.pdf>

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