

Octadecanoic acid, benzyldimethylsilyl ester

Inchi: InChI=1S/C27H48O2Si/c1-4-5-6-7-8-9-10-11-12-13-14-15-16-17-21-24-27(28)29-30(2,3)
InchiKey: RBJKMCQYYQRDRI-UHFFFAOYSA-N
Formula: C27H48O2Si
SMILES: CCCCCCCCCCCCCCCCCC(=O)O[Si](C)(C)Cc1ccccc1
Mol. weight [g/mol]: 432.75

Physical Properties

Property code	Value	Unit	Source
log10ws	-7.23		Crippen Method
logp	8.778		Crippen Method
rinpol	2929.00		NIST Webbook
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Sources

Crippen Method: <http://pubs.acs.org/doi/abs/10.1021/ci9903071>
Crippen Method: https://www.chemeo.com/doc/models/crippen_log10ws
NIST Webbook: <http://webbook.nist.gov/cgi/cbook.cgi?ID=U375670&Units=SI>

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/63-575-4/Octadecanoic-acid-benzyldimethylsilyl-ester.pdf>

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