

Pentadecanoic acid, benzyldimethylsilyl ester

Inchi: InChI=1S/C24H42O2Si/c1-4-5-6-7-8-9-10-11-12-13-14-18-21-24(25)26-27(2,3)22-23-19-
InchiKey: QUXNDSOGDZVLHH-UHFFFAOYSA-N
Formula: C24H42O2Si
SMILES: CCCCCCCCCCCCCC(=O)O[Si](C)(C)Cc1ccccc1
Mol. weight [g/mol]: 390.67

Physical Properties

Property code	Value	Unit	Source
log10ws	-5.97		Crippen Method
logp	7.608		Crippen Method
rinpol	2598.00		NIST Webbook

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=U375813&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/33-901-4/Pentadecanoic-acid-benzyldimethylsilyl-ester.pdf>

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