

Undecanoic acid, benzyldimethylsilyl ester

Inchi: InChI=1S/C20H34O2Si/c1-4-5-6-7-8-9-10-14-17-20(21)22-23(2,3)18-19-15-12-11-13-16-
InchiKey: WDWRKLDZSLU-UHFFFAOYSA-N
Formula: C20H34O2Si
SMILES: CCCCCCCCCC(=O)O[Si](C)(C)Cc1ccccc1
Mol. weight [g/mol]: 334.57

Physical Properties

Property code	Value	Unit	Source
log10ws	-4.30		Crippen Method
logp	6.047		Crippen Method
rinpol	2190.00		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=U375603&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/98-160-6/Undecanoic-acid-benzyldimethylsilyl-ester.pdf>

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