

Nonadecanoic acid, benzyldimethylsilyl ester

Inchi: InChI=1S/C28H50O2Si/c1-4-5-6-7-8-9-10-11-12-13-14-15-16-17-18-22-25-28(29)30-31(2)
InchiKey: BTBMIJDRNFLSG-UHFFFAOYSA-N
Formula: C28H50O2Si
SMILES: CCCCCCCCCCCCCCCCCC(=O)O[Si](C)(C)Cc1ccccc1
Mol. weight [g/mol]: 446.78

Physical Properties

Property code	Value	Unit	Source
log10ws	-7.65		Crippen Method
logp	9.168		Crippen Method
rinpol	3085.00		NIST Webbook
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Sources

NIST Webbook: <http://webbook.nist.gov/cgi/cbook.cgi?ID=U375821&Units=SI>
Crippen Method: <http://pubs.acs.org/doi/abs/10.1021/ci9903071>
Crippen Method: https://www.cheméo.com/doc/models/crippen_log10ws

Legend

log10ws: Log10 of Water solubility in mol/l
logp: Octanol/Water partition coefficient
rinpol: Non-polar retention indices

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<https://www.cheméo.com/cid/96-598-3/Nonadecanoic-acid-benzyldimethylsilyl-ester.pdf>

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