

Butyric acid, benzyldimethylsilyl ester

Inchi: InChI=1S/C13H20O2Si/c1-4-8-13(14)15-16(2,3)11-12-9-6-5-7-10-12/h5-7,9-10H,4,8,11H
InchiKey: QGZPCGYYSFCHIM-UHFFFAOYSA-N
Formula: C13H20O2Si
SMILES: CCCC(=O)O[Si](C)(C)Cc1ccccc1
Mol. weight [g/mol]: 236.38

Physical Properties

Property code	Value	Unit	Source
log10ws	-1.37		Crippen Method
logp	3.317		Crippen Method
rinpol	1494.00		NIST Webbook
rinpol	1494.00		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=U375598&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/40-651-4/Butyric-acid-benzyldimethylsilyl-ester.pdf>

Generated by Cheméo on 2024-04-23 20:59:25.275799218 +0000 UTC m=+16195214.196376530.

Cheméo (<https://www.chemeo.com>) is the biggest free database of chemical and physical data for the process industry.