

3,3-Dimethylacrylic acid, benzyldimethylsilyl ester

Inchi:	InChI=1S/C14H20O2Si/c1-12(2)10-14(15)16-17(3,4)11-13-8-6-5-7-9-13/h5-10H,11H2,1-
InchiKey:	IGGUXHQXQZXBMB-UHFFFAOYSA-N
Formula:	C14H20O2Si
SMILES:	CC(C)=CC(=O)O[Si](C)(C)Cc1ccccc1
Mol. weight [g/mol]:	248.39

Physical Properties

Property code	Value	Unit	Source
log10ws	-1.64		Crippen Method
logp	3.483		Crippen Method
rinpol	1626.00		NIST Webbook
rinpol	1626.00		NIST Webbook

Sources

Crippen Method:	https://www.chemeo.com/doc/models/crippen_log10ws
NIST Webbook:	http://webbook.nist.gov/cgi/cbook.cgi?ID=U375498&Units=SI
Crippen Method:	http://pubs.acs.org/doi/abs/10.1021/ci990307l

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/31-031-2/3-3-Dimethylacrylic-acid-benzyldimethylsilyl-ester.pdf>

Generated by Cheméo on 2024-04-29 04:11:08.152847098 +0000 UTC m=+16653117.073424409.

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