

O-(Carbomethoxy)-salicylic acid, benzyldimethylsilyl ester

Inchi: InChI=1S/C18H20O5Si/c1-21-18(20)22-16-12-8-7-11-15(16)17(19)23-24(2,3)13-14-9-5-4
InchiKey: FMBDYGVQYVEBLA-UHFFFAOYSA-N
Formula: C18H20O5Si
SMILES: COC(=O)Oc1ccccc1C(=O)O[Si](C)(C)Cc1ccccc1
Mol. weight [g/mol]: 344.43

Physical Properties

Property code	Value	Unit	Source
log10ws	-2.68		Crippen Method
logp	3.976		Crippen Method
rinpol	2280.00		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=U375955&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/29-648-1/O-Carbomethoxy-salicylic-acid-benzyldimethylsilyl-ester.pdf>

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