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
rinpol	2280.00		NIST Webbook

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/ci990307l

Legend

log10ws: Log10 of Water solubility in mol/l

logp: Octanol/Water partition coefficient

rinpol: Non-polar retention indices