Benzyl(dimethyl)silyl methyl pentanedioate

Inchi: InChI=1S/C15H22O4Si/c1-18-14(16)10-7-11-15(17)19-20(2,3)12-13-8-5-4-6-9-13/h4-6,8-
InchiKey: MVVWNRCLJZWYBO-UHFFFAOYSA-N
Formula: C15H22O4Si
SMILES: COC(=O)CCCC(=O)O[Si](C)(C)Cc1ccccc1
Mol. weight [g/mol]: 294.42

Physical Properties

Property code	Value	Unit	Source
log10ws	-1.07		Crippen Method
logp	2.860		Crippen Method
rinpol	1906.00		NIST Webbook

Sources

Crippen Method: http://pubs.acs.org/doi/abs/10.1021/ci990307l
Crippen Method: https://www.chemeo.com/doc/models/crippen_log10ws
NIST Webbook: http://webbook.nist.gov/cgi/cbook.cgi?ID=U375706&Units=SI

Legend

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