Benzyl(dimethyl)silyl methyl decanedioate

Inchi: InChI=1S/C20H32O4Si/c1-23-19(21)15-11-6-4-5-7-12-16-20(22)24-25(2,3)17-18-13-9-8-
InchiKey: CPRXHACACLUWJH-UHFFFAOYSA-N
Formula: C20H32O4Si
SMILES: COC(=O)CCCCCCCCC(=O)O[Si](C)(C)Cc1ccccc1
Mol. weight [g/mol]: 364.55

Physical Properties

Property code	Value	Unit	Source
log10ws	-3.16		Crippen Method
logp	4.810		Crippen Method
rinpol	2425.00		NIST Webbook
rinpol	2425.00		NIST Webbook

Sources

NIST Webbook: http://webbook.nist.gov/cgi/cbook.cgi?ID=U375998&Units=SI
Crippen Method: http://pubs.acs.org/doi/abs/10.1021/ci990307l
Crippen Method: https://www.chemeo.com/doc/models/crippen_log10ws

Legend

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