2-Methoxycinnamic acid, benzyldimethylsilyl ester

Inchi: InChI=1S/C19H22O3Si/c1-21-18-12-8-7-11-17(18)13-14-19(20)22-23(2,3)15-16-9-5-4-6-

InchiKey: VJIRWVGJMLMIRW-BUHFOSPRSA-N

Formula: C19H22O3Si

SMILES: COc1ccccc1C=CC(=O)O[Si](C)(C)Cc1ccccc1

Mol. weight [g/mol]: 326.46

Physical Properties

Property code	Value	Unit	Source
log10ws	-2.70		Crippen Method
logp	4.239		Crippen Method
rinpol	2469.00		NIST Webbook
rinpol	2469.00		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=U375773&Units=SI

Legend

log10ws: Log10 of Water solubility in mol/l

logp: Octanol/Water partition coefficient

rinpol: Non-polar retention indices