trans-2,3-Dimethoxycinnamic acid, benzyldimethylsilyl ester

Inchi: InChI=1S/C20H24O4Si/c1-22-18-12-8-11-17(20(18)23-2)13-14-19(21)24-25(3,4)15-16-9-

InchiKey: OPJQHQBXAQEMKA-BUHFOSPRSA-N

Formula: C20H24O4Si

SMILES: COc1cccc(C=CC(=O)O[Si](C)(C)Cc2ccccc2)c1OC

Mol. weight [g/mol]: 356.49

Physical Properties

Property code	Value	Unit	Source
log10ws	-2.82		Crippen Method
logp	4.247		Crippen Method
rinpol	2601.00		NIST Webbook
rinpol	2601.00		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=U375747&Units=SI

Legend

log10ws: Log10 of Water solubility in mol/l

logp: Octanol/Water partition coefficient

rinpol: Non-polar retention indices