3-Methoxycinnamic acid, TBDMS

Inchi: InChI=1S/C16H24O3Si/c1-16(2,3)20(5,6)19-15(17)11-10-13-8-7-9-14(12-13)18-4/h7-12H

InchiKey: PBASFTCYWNLALI-ZHACJKMWSA-N

Formula: C16H24O3Si

SMILES: COc1cccc(C=CC(=O)O[Si](C)(C)C(C)(C)C)c1

Mol. weight [g/mol]: 292.45

Physical Properties

Property code	Value	Unit	Source
log10ws	-2.26		Crippen Method
logp	4.257		Crippen Method
rinpol	2036.00		NIST Webbook

Sources

Crippen Method: https://www.chemeo.com/doc/models/crippen_log10ws

NIST Webbook: http://webbook.nist.gov/cgi/cbook.cgi?ID=R563567&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