Benzoic acid, 4-(tert.-butyldimethylsilyloxy)-, methyl ester

Inchi: InChI=1S/C14H22O3Si/c1-14(2,3)18(5,6)17-12-9-7-11(8-10-12)13(15)16-4/h7-10H,1-6H3

InchiKey: CMZWCYQNHNHKNH-UHFFFAOYSA-N

Formula: C14H22O3Si

SMILES: COC(=O)c1ccc(O[Si](C)(C)C(C)(C)C)cc1

Mol. weight [g/mol]: 266.41

Physical Properties

Property code	Value	Unit	Source
log10ws	-1.98		Crippen Method
logp	3.857		Crippen Method
rinpol	1751.00		NIST Webbook
rinpol	1751.00		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=U374360&Units=SI

Legend

log10ws: Log10 of Water solubility in mol/l

logp: Octanol/Water partition coefficient

rinpol: Non-polar retention indices

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