Benzoic acid, 2-[(trimethylsilyl)oxy]-, methyl ester

Other names: Benzoic acid, o-(trimethylsiloxy)-, methyl ester
Methyl o-(trimethylsiloxy)benzoate
Methyl ester, trimethylsilyl ether of o-Hydroxybenzoic acid
Trimethylsilyl derivative of methyl ester of o-Hydroxybenzoic acid
Trimethylsilyl ether, methyl ester of Salicylic acid
Methyl 2-[(trimethylsilyl)oxy]benzoate

Inchi: InChI=1S/C11H16O3Si/c1-13-11(12)9-7-5-6-8-10(9)14-15(2,3)4/h5-8H,1-4H3

InchiKey: WYRJFTUIUJWTAZ-UHFFFAOYSA-N

Formula: C11H16O3Si

SMILES: COC(=O)c1ccccc1O[Si](C)(C)C

Mol. weight [g/mol]: 224.33

CAS: 18001-14-4

Physical Properties

Property code	Value	Unit	Source
log10ws	-0.72		Crippen Method
logp	2.687		Crippen Method
rinpol	1411.00		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=C18001144&Units=SI

Legend

log10ws: Log10 of Water solubility in mol/l

logp: Octanol/Water partition coefficient

rinpol: Non-polar retention indices