Benzoic acid, 4-[(trimethylsilyl)oxy]-, methyl ester

Other names:	Benzoic acid, p-(trimethylsiloxy)-, methyl ester
	Methyl ester, trimethylsilyl ether of p-Hydroxybenzoic acid
	Methyl 4-[(trimethylsilyl)oxy]benzoate
Inchi:	InChI=1S/C11H16O3Si/c1-13-11(12)9-5-7-10(8-6-9)14-15(2,3)4/h5-8H,1-4H3
InchiKey:	UGFXQBRWNPEHCX-UHFFFAOYSA-N
Formula:	C11H16O3Si
SMILES:	COC(=O)c1ccc(O[Si](C)(C)C)cc1
Mol. weight [g/mol]:	224.33
CAS:	27739-17-9

Physical Properties

Property code	Value	Unit	Source
log10ws	-0.72		Crippen Method
logp	2.687		Crippen Method
rinpol	1504.00		NIST Webbook
rinpol	1504.00		NIST Webbook

Sources

NIST Webbook:	http://webbook.nist.gov/cgi/cbook.cgi?ID=C27739179&Units=SI
Crippen Method:	http://pubs.acs.org/doi/abs/10.1021/ci990307l
Crippen Method:	https://www.chemeo.com/doc/models/crippen_log10ws

Legend

log10ws:	Log10 of Water solubility in mol/l
logp:	Octanol/Water partition coefficient
rinpol:	Non-polar retention indices

Latest version available from:
https://www.chemeo.com/cid/35-847-3/Benzoic-acid-4-trimethylsilyl-oxy-methyl-ester.pdf

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