Butyl 4-tert-butyldimethylsilyloxybenzoate

Other names:	Benzoic acid, 4-[(tert-butyldimethylsilyl)oxy]-, butyl ester
	Benzoic acid, p-(tert-butyldimethylsiloxy)-, butyl ester
Inchi:	InChI=1S/C17H28O3Si/c1-7-8-13-19-16(18)14-9-11-15(12-10-14)20-21(5,6)17(2,3)4/h9-
InchiKey:	ODSBATHUJJKCKO-UHFFFAOYSA-N
Formula:	C17H28O3Si
SMILES:	CCCCOC(=O)c1ccc(O[Si](C)(C)C(C)(C)C)cc1
Mol. weight [g/mol]:	308.49

Physical Properties

Property code	Value	Unit	Source
log10ws	-3.23		Crippen Method
logp	5.027		Crippen Method
rinpol	2022.00		NIST Webbook

Sources

NIST Webbook:	http://webbook.nist.gov/cgi/cbook.cgi?ID=U373339&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