Benzoic acid, 2-trifluoroacetyloxy-, tert.-butyldimethylsilyl ester

Inchi: InChI=1S/C15H19F3O4Si/c1-14(2,3)23(4,5)22-12(19)10-8-6-7-9-11(10)21-13(20)15(16,1

InchiKey: PWQJKTOYWVIHEN-UHFFFAOYSA-N

Formula: C15H19F3O4Si

SMILES: CC(C)(C)[Si](C)(C)OC(=O)c1ccccc1OC(=O)C(F)(F)F

Mol. weight [g/mol]: 348.39

Physical Properties

Property code	Value	Unit	Source
log10ws	-2.83		Crippen Method
logp	4.316		Crippen Method
rinpol	1562.00		NIST Webbook
rinpol	1562.00		NIST Webbook

Sources

NIST Webbook: http://webbook.nist.gov/cgi/cbook.cgi?ID=U375209&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