Benzoic acid, 2,3-bis[(tert-butyldimethylsilyl)oxy]-, tert-butyldimethylsilyl ester

Other names: tert-Butyl(dimethyl)silyl 2,3-bispyrrol[tert-butyl(dimethyl)silyl]oxymorphobenzoate
2,3-Dihydroxybenzoic acid, 3tbdms derivative

Inchi: InChI=1S/C25H48O4Si3/c1-23(2,3)30(10,11)27-20-18-16-17-19(21(20)28-31(12,13)24(4

InchiKey: FPKUXFNIWAADGR-UHFFFAOYSA-N

Formula: C25H48O4Si3

SMILES: CC(C)(C)[Si](C)(C)OC(=O)c1cccc(O[Si](C)(C)C(C)(C)C)c1O[Si](C)(C)C(C)(C)C

Mol. weight [g/mol]: 496.90

Physical Properties

Property code	Value	Unit	Source
log10ws	-2.39		Crippen Method
logp	8.617		Crippen Method
rinpol	2408.00		NIST Webbook
rinpol	2408.00		NIST Webbook

Sources

NIST Webbook: http://webbook.nist.gov/cgi/cbook.cgi?ID=U332766&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