3,5-Dihydroxybenzoic acid, bis(tert-butyldimethylsilyl) ether, tert-butyldimethylsilyl ester

Other names: 3,5-Dihydroxybenzoic acid, 3tbdms derivative
Inchi: InChI=1S/C25H48O4Si3/c1-23(2,3)30(10,11)27-20-16-19(22(26)29-32(14,15)25(7,8)9)17
InchiKey: NJENOBZTCYVXLL-UHFFFAOYSA-N
Formula: C25H48O4Si3
SMILES: CC(C)(C)[Si](C)(C)OC(=O)c1cc(O[Si](C)(C)C(C)(C)C)cc(O[Si](C)(C)C(C)(C)C)c1
Mol. weight [g/mol]: 496.90

Physical Properties

Property code	Value	Unit	Source
log10ws	-2.39		Crippen Method
logp	8.617		Crippen Method
rinpol	2453.80		NIST Webbook
rinpol	2485.00		NIST Webbook
rinpol	2485.00		NIST Webbook
rinpol	2453.80		NIST Webbook
rinpol	2485.00		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=U352808&Units=SI

Legend

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