2',4'-Dihydroxyacetophenone, bis(tert-butyldimethylsilyl) ether

Other names: 2,4-Dihydroxyacetophenone, 2tbdms derivative
Inchi: InChI=1S/C20H36O3Si2/c1-15(21)17-13-12-16(22-24(8,9)19(2,3)4)14-18(17)23-25(10,11
InchiKey: BTCQDSCKRSANHY-UHFFFAOYSA-N
Formula: C20H36O3Si2
SMILES: CC(=O)c1ccc(O[Si](C)(C)C(C)(C)C)cc1O[Si](C)(C)C(C)(C)C
Mol. weight [g/mol]: 380.67

Physical Properties

Property code	Value	Unit	Source
log10ws	-2.66		Crippen Method
logp	6.657		Crippen Method
rinpol	2158.50		NIST Webbook
rinpol	2158.50		NIST Webbook

Sources

Crippen Method: https://www.chemeo.com/doc/models/crippen_log10ws
NIST Webbook: http://webbook.nist.gov/cgi/cbook.cgi?ID=U352820&Units=SI
Crippen Method: http://pubs.acs.org/doi/abs/10.1021/ci990307l

Legend

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