2',4'-Dihydroxyacetophenone, bis(trimethylsilyl) ether

Other names: 2,4-Dihydroxyacetophenone, 2tms derivative
Inchi: InChI=1S/C14H24O3Si2/c1-11(15)13-9-8-12(16-18(2,3)4)10-14(13)17-19(5,6)7/h8-10H,1
InchiKey: GWJITIGXKJZGCP-UHFFFAOYSA-N
Formula: C14H24O3Si2
SMILES: CC(=O)c1ccc(O[Si](C)(C)C)cc1O[Si](C)(C)C
Mol. weight [g/mol]: 296.51

Physical Properties

Property code	Value	Unit	Source
log10ws	-0.15		Crippen Method
logp	4.317		Crippen Method
rinpol	1709.30		NIST Webbook
rinpol	1709.30		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=U352821&Units=SI

Legend

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