2'-Hydroxy-6'-methoxyacetophenone, tert-butyldimethylsilyl ether

Other names: 2'-Hydroxy-6'-methoxyacetophenone, tbdms derivative
Inchi: InChI=1S/C15H24O3Si/c1-11(16)14-12(17-5)9-8-10-13(14)18-19(6,7)15(2,3)4/h8-10H,1-
InchiKey: WAGOHTPSDQWMKF-UHFFFAOYSA-N
Formula: C15H24O3Si
SMILES: COc1cccc(O[Si](C)(C)C(C)(C)C)c1C(C)=O
Mol. weight [g/mol]: 280.43

Physical Properties

Property code	Value	Unit	Source
log10ws	-2.52		Crippen Method
logp	4.282		Crippen Method
rinpol	1763.40		NIST Webbook
rinpol	1763.40		NIST Webbook

Sources

NIST Webbook: http://webbook.nist.gov/cgi/cbook.cgi?ID=U352927&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