7-Hydroxy-4-methylcoumarin, tert-butyldimethylsilyl ether

Inchi: InChI=1S/C16H22O3Si/c1-11-9-15(17)18-14-10-12(7-8-13(11)14)19-20(5,6)16(2,3)4/h7-
InchiKey: VYXHAIZWFNSDMG-UHFFFAOYSA-N
Formula: C16H22O3Si
SMILES: Cc1cc(=O)oc2cc(O[Si](C)(C)C(C)(C)C)ccc12
Mol. weight [g/mol]: 290.43

Physical Properties

Property code	Value	Unit	Source
log10ws	-7.17		Crippen Method
logp	4.485		Crippen Method
rinpol	2282.00		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=U373021&Units=SI

Legend

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