3-(tert-Butyldimethyl)silyloxy-2-methyl-pyran-4-or

Other names: 3-Hydroxy-2-methyl-pyran-4-one t-BDMS
Inchi: InChI=1S/C12H20O3Si/c1-9-11(10(13)7-8-14-9)15-16(5,6)12(2,3)4/h7-8H,1-6H3
InchiKey: DBBCGERPHJTCLZ-UHFFFAOYSA-N
Formula: C12H20O3Si
SMILES: Cc1occc(=O)c1O[Si](C)(C)C(C)(C)C
Mol. weight [g/mol]: 240.37

Physical Properties

Property code	Value	Unit	Source
log10ws	-5.37		Crippen Method
logp	3.332		Crippen Method
rinpol	1556.00		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=U373048&Units=SI

Legend

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