Phloroglucinol, tert-butyldimethylsilyl ether

Other names: 1,3,5-Benzetriol, tbdms derivative
Inchi: InChI=1S/C12H20O3Si/c1-12(2,3)16(4,5)15-11-7-9(13)6-10(14)8-11/h6-8,13-14H,1-5H3
InchiKey: DPWNPHXKCYDHMO-UHFFFAOYSA-N
Formula: C12H20O3Si
SMILES: CC(C)(C)[Si](C)(C)Oc1cc(O)cc(O)c1
Mol. weight [g/mol]: 240.37

Physical Properties

Property code	Value	Unit	Source
log10ws	-0.83		Crippen Method
logp	3.482		Crippen Method
rinpol	1874.50		NIST Webbook
rinpol	1874.50		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=U352462&Units=SI

Legend

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