Phloroglucinol, bis(tert-butyldimethylsilyl) ether

Other names: 1,3,5-Benzetriol, 2tbdms derivative
Inchi: InChI=1S/C18H34O3Si2/c1-17(2,3)22(7,8)20-15-11-14(19)12-16(13-15)21-23(9,10)18(4,
InchiKey: GGOXDJOBKKZHRV-UHFFFAOYSA-N
Formula: C18H34O3Si2
SMILES: CC(C)(C)[Si](C)(C)Oc1cc(O)cc(O[Si](C)(C)C(C)(C)C)c1
Mol. weight [g/mol]: 354.63

Physical Properties

Property code	Value	Unit	Source
log10ws	-1.55		Crippen Method
logp	6.160		Crippen Method
rinpol	2092.90		NIST Webbook
rinpol	2092.90		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=U352457&Units=SI

Legend

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