Orcinol monohydrate, bis(tert-butyldimethylsilyl) ether

Other names: Orcinol, 2tbdms derivative
Inchi: InChI=1S/C19H36O2Si2/c1-15-12-16(20-22(8,9)18(2,3)4)14-17(13-15)21-23(10,11)19(5,
InchiKey: FTCQILXPSZTMJG-UHFFFAOYSA-N
Formula: C19H36O2Si2
SMILES: Cc1cc(O[Si](C)(C)C(C)(C)C)cc(O[Si](C)(C)C(C)(C)C)c1
Mol. weight [g/mol]: 352.66

Physical Properties

Property code	Value	Unit	Source
log10ws	-2.47		Crippen Method
logp	6.763		Crippen Method
rinpol	1862.10		NIST Webbook
rinpol	1862.10		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=U352828&Units=SI

Legend

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