Orcinol, tert-butyldimethylsilyl ether

Other names:	Orcinol monohydrate, tert-butyldimethylsilyl ether
	Orcinol, tbdms derivative
Inchi:	InChI=1S/C13H22O2Si/c1-10-7-11(14)9-12(8-10)15-16(5,6)13(2,3)4/h7-9,14H,1-6H3
InchiKey:	HUNAIDKYDXJVLW-UHFFFAOYSA-N
Formula:	C13H22O2Si
SMILES:	Cc1cc(O)cc(O[Si](C)(C)C(C)(C)C)c1
Mol. weight [g/mol]:	238.40

Physical Properties

Property code	Value	Unit	Source
log10ws	-1.76		Crippen Method
logp	4.085		Crippen Method
rinpol	1651.20		NIST Webbook
rinpol	1651.20		NIST Webbook

Sources

NIST Webbook:	http://webbook.nist.gov/cgi/cbook.cgi?ID=U352832&Units=SI
Crippen Method:	http://pubs.acs.org/doi/abs/10.1021/ci990307l
Crippen Method:	https://www.chemeo.com/doc/models/crippen_log10ws

Legend

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