2-Chloro-5-methylphenol, tert-butyldimethylsilyl ether

Other names: 2-Chloro-5-methylphenol, tbdms derivative
Inchi: InChI=1S/C13H21ClOSi/c1-10-7-8-11(14)12(9-10)15-16(5,6)13(2,3)4/h7-9H,1-6H3
InchiKey: WKBFVGPNLRCTCB-UHFFFAOYSA-N
Formula: C13H21ClOSi
SMILES: Cc1ccc(Cl)c(O[Si](C)(C)C(C)(C)C)c1
Mol. weight [g/mol]: 256.84

Physical Properties

Property code	Value	Unit	Source
log10ws	-2.90		Crippen Method
logp	5.032		Crippen Method
rinpol	1541.10		NIST Webbook
rinpol	1541.10		NIST Webbook

Sources

Crippen Method: https://www.chemeo.com/doc/models/crippen_log10ws
NIST Webbook: http://webbook.nist.gov/cgi/cbook.cgi?ID=U333400&Units=SI
Crippen Method: http://pubs.acs.org/doi/abs/10.1021/ci990307l

Legend

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