3-Chlorophenol, tert-butyldimethylsilyl ether

Other names:	3-chlorophenol, TBDMS
	3-Chlorophenol, tbdms derivative
Inchi:	InChI=1S/C12H19ClOSi/c1-12(2,3)15(4,5)14-11-8-6-7-10(13)9-11/h6-9H,1-5H3
InchiKey:	DZPKJDCRDGUMDN-UHFFFAOYSA-N
Formula:	C12H19ClOSi
SMILES:	CC(C)(C)[Si](C)(C)Oc1cccc(Cl)c1
Mol. weight [g/mol]:	242.82

Physical Properties

Property code	Value	Unit	Source
log10ws	-2.42		Crippen Method
logp	4.724		Crippen Method
rinpol	1455.10		NIST Webbook
rinpol	1455.10		NIST Webbook

Sources

Crippen Method:	https://www.chemeo.com/doc/models/crippen_log10ws
NIST Webbook:	http://webbook.nist.gov/cgi/cbook.cgi?ID=U333378&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