tert-Butyldimethylsilyl 2-(2,4-dichlorophenoxy)acetate

Other names: 2-(2,4-Dichlorophenoxy)acetic acid, tert-Butyldimethylsilyl ester
Inchi: InChI=1S/C14H20Cl2O3Si/c1-14(2,3)20(4,5)19-13(17)9-18-12-7-6-10(15)8-11(12)16/h6-
InchiKey: HOCJRBYRXPHHLZ-UHFFFAOYSA-N
Formula: C14H20Cl2O3Si
SMILES: CC(C)(C)[Si](C)(C)OC(=O)COc1ccc(Cl)cc1Cl
Mol. weight [g/mol]: 335.30

Physical Properties

Property code	Value	Unit	Source
log10ws	-2.81		Crippen Method
logp	4.921		Crippen Method
rinpol	2020.00		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=U373074&Units=SI

Legend

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