

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:	HOCJRBYRXPHELLZ-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/ci9903071
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

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