

# tert-Butyldimethylsilyl 2,4-dichlorobenzoate

**Inchi:** InChI=1S/C13H18Cl2O2Si/c1-13(2,3)18(4,5)17-12(16)10-7-6-9(14)8-11(10)15/h6-8H,1-5  
**InchiKey:** YREKQVHVNLRLIN-UHFFFAOYSA-N  
**Formula:** C13H18Cl2O2Si  
**SMILES:** CC(C)(C)[Si](C)(C)OC(=O)c1ccc(Cl)cc1Cl  
**Mol. weight [g/mol]:** 305.27

## Physical Properties

Property code	Value	Unit	Source
log10ws	-3.23		Crippen Method
logp	5.155		Crippen Method
rinpol	1797.00		NIST Webbook
rinpol	1797.00		NIST Webbook

## Sources

**Crippen Method:** <http://pubs.acs.org/doi/abs/10.1021/ci9903071>  
**Crippen Method:** [https://www.chemeo.com/doc/models/crippen\\_log10ws](https://www.chemeo.com/doc/models/crippen_log10ws)  
**NIST Webbook:** <http://webbook.nist.gov/cgi/cbook.cgi?ID=U373178&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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