

# Trimethylsilylmethyl 2-(2,4,5-trichlorophenoxy)acetate

**Other names:** Trimethylsilylmethyl 2-(2,4,5-trichlorophenoxy)acetic acid, trimethylsilylmethyl ester  
**Inchi:** InChI=1S/C12H15Cl3O3Si/c1-7(12(16)18-19(2,3)4)17-11-6-9(14)8(13)5-10(11)15/h5-7H  
**InchiKey:** NQIWQVQFFUQDCC-UHFFFAOYSA-N  
**Formula:** C12H15Cl3O3Si  
**SMILES:** CC(Oc1cc(Cl)c(Cl)cc1Cl)C(=O)O[Si](C)(C)C  
**Mol. weight [g/mol]:** 341.69

## Physical Properties

Property code	Value	Unit	Source
log10ws	-2.76		Crippen Method
logp	4.792		Crippen Method
rinpol	1858.00		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=U372929&Units=SI>

## Legend

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

Latest version available from:

<https://www.chemeo.com/cid/29-900-0/Trimethylsilylmethyl-2-2-4-5-trichlorophenoxy-acetate.pdf>

Generated by Cheméo on 2024-04-28 04:27:08.304181345 +0000 UTC m=+16567677.224758661.

Cheméo (<https://www.chemeo.com>) is the biggest free database of chemical and physical data for the process industry.