

# 2,4-Dichlorophenoxyacetate, trimethylsilyl

<b>Other names:</b>	Trimethylsilyl 2-(2,4-dichlorophenoxy)acetate
<b>Inchi:</b>	InChI=1S/C11H14Cl2O3Si/c1-17(2,3)16-11(14)7-15-10-5-4-8(12)6-9(10)13/h4-6H,7H2,1
<b>InchiKey:</b>	XVEDRBSWMMRXSA-UHFFFAOYSA-N
<b>Formula:</b>	C11H14Cl2O3Si
<b>SMILES:</b>	C[Si](C)(C)OC(=O)COc1ccc(Cl)cc1Cl
<b>Mol. weight [g/mol]:</b>	293.22
<b>CAS:</b>	34113-76-3

## Physical Properties

Property code	Value	Unit	Source
log10ws	-1.55		Crippen Method
logp	3.750		Crippen Method
rinpol	1783.00		NIST Webbook
rinpol	1783.00		NIST Webbook

## Sources

<b>NIST Webbook:</b>	<a href="http://webbook.nist.gov/cgi/cbook.cgi?ID=C34113763&amp;Units=SI">http://webbook.nist.gov/cgi/cbook.cgi?ID=C34113763&amp;Units=SI</a>
<b>Crippen Method:</b>	<a href="http://pubs.acs.org/doi/abs/10.1021/ci9903071">http://pubs.acs.org/doi/abs/10.1021/ci9903071</a>
<b>Crippen Method:</b>	<a href="https://www.chemeo.com/doc/models/crippen_log10ws">https://www.chemeo.com/doc/models/crippen_log10ws</a>

## Legend

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

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<https://www.chemeo.com/cid/18-496-2/2-4-Dichlorophenoxyacetate-trimethylsilyl.pdf>

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