

# 2-(2-Chlorophenoxy)ethanol, dimethylpentafluorophenylsilyl ether

**Inchi:** InChI=1S/C16H14ClF5O2Si/c1-25(2,16-14(21)12(19)11(18)13(20)15(16)22)24-8-7-23-10  
**InchiKey:** NPXJZULDLZUNHI-UHFFFAOYSA-N  
**Formula:** C16H14ClF5O2Si  
**SMILES:** C[Si](C)(OCCOc1ccccc1Cl)c1c(F)c(F)c(F)c(F)c1F  
**Mol. weight [g/mol]:** 396.81

## Physical Properties

Property code	Value	Unit	Source
log10ws	-7.92		Crippen Method
logp	4.543		Crippen Method
rinpol	2028.00		NIST Webbook
rinpol	2028.00		NIST Webbook

## Sources

**NIST Webbook:** <http://webbook.nist.gov/cgi/cbook.cgi?ID=U368260&Units=SI>  
**Crippen Method:** <http://pubs.acs.org/doi/abs/10.1021/ci9903071>  
**Crippen Method:** [https://www.cheméo.com/doc/models/crippen\\_log10ws](https://www.cheméo.com/doc/models/crippen_log10ws)

## Legend

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

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