

# 10-Chlorodecanol, dimethylpentafluorophenylsilyl ether

**Inchi:** InChI=1S/C18H26ClF5OSi/c1-26(2,18-16(23)14(21)13(20)15(22)17(18)24)25-12-10-8-6-  
**InchiKey:** JS DMKSULKUZTMO-UHFFFAOYSA-N  
**Formula:** C18H26ClF5OSi  
**SMILES:** C[Si](C)(OCCCCCCCCCl)c1c(F)c(F)c(F)c(F)c1F  
**Mol. weight [g/mol]:** 416.93

## Physical Properties

Property code	Value	Unit	Source
log10ws	-9.39		Crippen Method
logp	6.170		Crippen Method
rinpol	2138.00		NIST Webbook

## Sources

**NIST Webbook:** <http://webbook.nist.gov/cgi/cbook.cgi?ID=U368754&Units=SI>  
**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)

## Legend

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

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<https://www.chemeo.com/cid/17-291-0/10-Chlorodecanol-dimethylpentafluorophenylsilyl-ether.pdf>

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