

# (2,4,5-Trifluorophenyl)methanol, dimethylpentafluorophenylsilyl ether

**Inchi:** InChI=1S/C15H10F8OSi/c1-25(2,15-13(22)11(20)10(19)12(21)14(15)23)24-5-6-3-8(17)9  
**InchiKey:** XNFOYOSONCAIFD-UHFFFAOYSA-N  
**Formula:** C15H10F8OSi  
**SMILES:** C[Si](C)(OCc1cc(F)c(F)cc1F)c1c(F)c(F)c(F)c(F)c1F  
**Mol. weight [g/mol]:** 386.31

## Physical Properties

Property code	Value	Unit	Source
log10ws	-8.57		Crippen Method
logp	4.428		Crippen Method
rinpol	1597.00		NIST Webbook
rinpol	1597.00		NIST Webbook

## Sources

**NIST Webbook:** <http://webbook.nist.gov/cgi/cbook.cgi?ID=U367927&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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