

# 2,4,5-Trifluorobenzyl alcohol, benzyldimethylsilyl ether

**Inchi:** InChI=1S/C16H17F3OSi/c1-21(2,11-12-6-4-3-5-7-12)20-10-13-8-15(18)16(19)9-14(13)17  
**InchiKey:** NGXNIDJOCRPNHA-UHFFFAOYSA-N  
**Formula:** C16H17F3OSi  
**SMILES:** C[Si](C)(Cc1ccccc1)OCc1cc(F)c(F)cc1F  
**Mol. weight [g/mol]:** 310.39

## Physical Properties

Property code	Value	Unit	Source
log10ws	-3.44		Crippen Method
logp	4.607		Crippen Method
rinpol	1759.00		NIST Webbook
rinpol	1759.00		NIST Webbook

## Sources

**NIST Webbook:** <http://webbook.nist.gov/cgi/cbook.cgi?ID=U376067&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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