

# tert-Butanol DMPFPS

**Inchi:** InChI=1S/C12H15F5OSi/c1-12(2,3)18-19(4,5)11-9(16)7(14)6(13)8(15)10(11)17/h1-5H3  
**InchiKey:** LOXKSRZHDICMDI-UHFFFAOYSA-N  
**Formula:** C12H15F5OSi  
**SMILES:** CC(C)(C)O[Si](C)(C)c1c(F)c(F)c(F)c(F)c1F  
**Mol. weight [g/mol]:** 298.32

## Physical Properties

Property code	Value	Unit	Source
log10ws	-6.84		Crippen Method
logp	3.609		Crippen Method
rinpol	1185.00		NIST Webbook
rinpol	1185.00		NIST Webbook

## Sources

**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)  
**NIST Webbook:** <http://webbook.nist.gov/cgi/cbook.cgi?ID=R102637&Units=SI>

## 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/118-738-2/tert-Butanol-DMPFPS.pdf>

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