

# 2,2-Difluoroethanol trimethylsilyl ether

**Inchi:** InChI=1S/C5H12F2OSi/c1-9(2,3)8-4-5(6)7/h5H,4H2,1-3H3  
**InchiKey:** PEGFPJKOVKBXJJ-UHFFFAOYSA-N  
**Formula:** C5H12F2OSi  
**SMILES:** C[Si](C)(C)OCC(F)F  
**Mol. weight [g/mol]:** 154.23

## Physical Properties

Property code	Value	Unit	Source
log10ws	0.63		Crippen Method
logp	2.103		Crippen Method
rinpol	715.00		NIST Webbook

## Sources

**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=U372939&Units=SI>  
**Crippen Method:** <http://pubs.acs.org/doi/abs/10.1021/ci9903071>

## Legend

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

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