

# 2(3H)-Furanone, TMS (possibly, MSTFA-adduct)

**Inchi:** InChI=1S/C10H18F3NO3Si/c1-14(8(15)10(11,12)13)9(6-5-7-16-9)17-18(2,3)4/h5-7H2,1-  
**InchiKey:** WJAADKYCKYZLPI-UHFFFAOYSA-N  
**Formula:** C10H18F3NO3Si  
**SMILES:** CN(C(=O)C(F)(F)F)C1(O[Si](C)(C)C)CCCO1  
**Mol. weight [g/mol]:** 285.34

## Physical Properties

Property code	Value	Unit	Source
log10ws	-0.24		Crippen Method
logp	2.323		Crippen Method
rinpol	1778.00		NIST Webbook
rinpol	1778.00		NIST Webbook

## Sources

**NIST Webbook:** <http://webbook.nist.gov/cgi/cbook.cgi?ID=R631219&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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