

# 2-Furoic acid, dimethyl(3,3,3-trifluoropropyl)silyl ester

**Inchi:** InChI=1S/C10H13F3O3Si/c1-17(2,7-5-10(11,12)13)16-9(14)8-4-3-6-15-8/h3-4,6H,5,7H2,  
**InchiKey:** ZLWWHXBSXSYCPD-UHFFFAOYSA-N  
**Formula:** C10H13F3O3Si  
**SMILES:** C[Si](C)(CCC(F)(F)F)OC(=O)c1ccco1  
**Mol. weight [g/mol]:** 266.29

## Physical Properties

Property code	Value	Unit	Source
log10ws	-5.84		Crippen Method
logp	3.594		Crippen Method
rinpol	1262.00		NIST Webbook
rinpol	1262.00		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=U375493&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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