

# Flufenamic acid, trimethylsilyl ester

**Inchi:** InChI=1S/C17H18F3NO2Si/c1-24(2,3)23-16(22)14-9-4-5-10-15(14)21-13-8-6-7-12(11-13)  
**InchiKey:** MBBVKZYGIKZDSK-UHFFFAOYSA-N  
**Formula:** C17H18F3NO2Si  
**SMILES:** C[Si](C)(C)OC(=O)c1ccccc1Nc1cccc(C(F)(F)F)c1  
**Mol. weight [g/mol]:** 353.41

## Physical Properties

Property code	Value	Unit	Source
log10ws	-3.51		Crippen Method
logp	5.441		Crippen Method
rinpol	2003.30		NIST Webbook
rinpol	2003.30		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=U333180&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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