

# Tyrosine, N-TFA-O-TMS

**Inchi:** InChI=1S/C17H26F3NO4Si2/c1-26(2,3)24-13-9-7-8-12(10-13)11-14(15(22)25-27(4,5)6)2  
**InchiKey:** LBWRPLMPFPGNAU-UHFFFAOYSA-N  
**Formula:** C17H26F3NO4Si2  
**SMILES:** C[Si](C)(C)OC(=O)C(Cc1cccc(O[Si](C)(C)C)c1)NC(=O)C(F)(F)F  
**Mol. weight [g/mol]:** 421.56

## Physical Properties

Property code	Value	Unit	Source
log10ws	-0.45		Crippen Method
logp	3.868		Crippen Method
rinpol	1895.00		NIST Webbook

## Sources

**Crippen Method:** <http://pubs.acs.org/doi/abs/10.1021/ci990307l>  
**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=R208547&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/21-400-3/Tyrosine-N-TFA-O-TMS.pdf>

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