

# Pyruvic acid, O-pentafluorobenzoyloxime, TMS

**Inchi:** InChI=1S/C13H14F5NO3Si/c1-6(13(20)22-23(2,3)4)19-21-5-7-8(14)10(16)12(18)11(17)9  
**InchiKey:** YQOQTVTLRHDMB-UHFFFAOYSA-N  
**Formula:** C13H14F5NO3Si  
**SMILES:** CC(=NOCc1c(F)c(F)c(F)c(F)c1F)C(=O)O[Si](C)(C)C  
**Mol. weight [g/mol]:** 355.33

## Physical Properties

Property code	Value	Unit	Source
log10ws	-2.68		Crippen Method
logp	3.653		Crippen Method
rinpol	1499.00		NIST Webbook

## Sources

**NIST Webbook:** <http://webbook.nist.gov/cgi/cbook.cgi?ID=R315516&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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