

# (E)-10-Dodecenoic acid, 9-hydroxy-12-oxo, methyl ester, PFB-oxime, OH-TMS, # 2

**Inchi:** InChI=1S/C23H32F5NO4Si/c1-31-18(30)13-9-7-5-6-8-11-16(33-34(2,3)4)12-10-14-29-32  
**InchiKey:** KMAJTMRPYQAYKG-OAVGYLGISA-N  
**Formula:** C23H32F5NO4Si  
**SMILES:** COC(=O)CCCCCCC(C=CC=NOCc1c(F)c(F)c(F)c(F)c1F)O[Si](C)(C)C  
**Mol. weight [g/mol]:** 509.58

## Physical Properties

Property code	Value	Unit	Source
log10ws	-5.91		Crippen Method
logp	6.564		Crippen Method
rinpol	2561.00		NIST Webbook

## Sources

**NIST Webbook:** <http://webbook.nist.gov/cgi/cbook.cgi?ID=R554959&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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