

# Heptanal, 2-hydroxy, PFBO, TMS, # 2

**Inchi:** InChI=1S/C17H24F5NO2Si/c1-5-6-7-8-11(25-26(2,3)4)9-23-24-10-12-13(18)15(20)17(22)  
**InchiKey:** ALZPXPCKTLIEHB-UHFFFAOYSA-N  
**Formula:** C17H24F5NO2Si  
**SMILES:** CCCCCC(C=NOCc1c(F)c(F)c(F)c(F)c1F)O[Si](C)(C)C  
**Mol. weight [g/mol]:** 397.46

## Physical Properties

Property code	Value	Unit	Source
log10ws	-4.69		Crippen Method
logp	5.685		Crippen Method
rinpol	1713.00		NIST Webbook
rinpol	1713.00		NIST Webbook

## Sources

**NIST Webbook:** <http://webbook.nist.gov/cgi/cbook.cgi?ID=R399069&Units=SI>  
**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)

## Legend

**log10ws:** Log10 of Water solubility in mol/l  
**logp:** Octanol/Water partition coefficient  
**rinpol:** Non-polar retention indices

Latest version available from:

<https://www.chemeo.com/cid/46-080-2/Heptanal-2-hydroxy-PFBO-TMS-2.pdf>

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