

# Propiophenone, oxime, TMS

**Inchi:** InChI=1S/C12H19NOSi/c1-5-12(13-14-15(2,3)4)11-9-7-6-8-10-11/h6-10H,5H2,1-4H3  
**InchiKey:** LEEILOQALHYPOD-UHFFFAOYSA-N  
**Formula:** C12H19NOSi  
**SMILES:** CCC(=NO[Si](C)(C)C)c1ccccc1  
**Mol. weight [g/mol]:** 221.37

## Physical Properties

Property code	Value	Unit	Source
log10ws	-1.34		Crippen Method
logp	3.652		Crippen Method
rinsol	1357.00		NIST Webbook
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## 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=R100611&Units=SI>

## Legend

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

Latest version available from:

<https://www.chemeo.com/cid/21-251-9/Propiophenone-oxime-TMS.pdf>

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