

# 1-Propanol, 1-phenyl, TMS

**Inchi:** InChI=1S/C12H20OSi/c1-5-12(13-14(2,3)4)11-9-7-6-8-10-11/h6-10,12H,5H2,1-4H3  
**InchiKey:** YLXOSLUBLGUGQW-UHFFFAOYSA-N  
**Formula:** C12H20OSi  
**SMILES:** CCC(O[Si](C)(C)C)c1ccccc1  
**Mol. weight [g/mol]:** 208.37

## Physical Properties

Property code	Value	Unit	Source
log10ws	-1.55		Crippen Method
logp	3.989		Crippen Method
rinpol	1201.00		NIST Webbook

## Sources

**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=R99852&Units=SI>  
**Crippen Method:** <http://pubs.acs.org/doi/abs/10.1021/ci9903071>

## 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/44-326-1/1-Propanol-1-phenyl-TMS.pdf>

Generated by Cheméo on 2024-04-23 16:46:52.640047988 +0000 UTC m=+16180061.560625331.

Cheméo (<https://www.chemeo.com>) is the biggest free database of chemical and physical data for the process industry.