

# L-HYDROXYPROLINE,N,O,O-TMS

<b>Other names:</b>	OH-Pro, TMS
<b>Inchi:</b>	InChI=1S/C14H33NO3Si3/c1-19(2,3)15-12(14(16)18-21(7,8)9)10-11-13(15)17-20(4,5)6/h
<b>InchiKey:</b>	RHEQDJMNTAECID-UHFFFAOYSA-N
<b>Formula:</b>	C14H33NO3Si3
<b>SMILES:</b>	C[Si](C)(C)OC(=O)C1CCC(O[Si](C)(C)C)N1[Si](C)(C)C
<b>Mol. weight [g/mol]:</b>	347.67

## Physical Properties

Property code	Value	Unit	Source
log10ws	3.03		Crippen Method
logp	3.841		Crippen Method
rinpol	1522.00		NIST Webbook
rinpol	1546.00		NIST Webbook

## Sources

<b>Crippen Method:</b>	<a href="https://www.chemeo.com/doc/models/crippen_log10ws">https://www.chemeo.com/doc/models/crippen_log10ws</a>
<b>NIST Webbook:</b>	<a href="http://webbook.nist.gov/cgi/cbook.cgi?ID=R95167&amp;Units=SI">http://webbook.nist.gov/cgi/cbook.cgi?ID=R95167&amp;Units=SI</a>
<b>Crippen Method:</b>	<a href="http://pubs.acs.org/doi/abs/10.1021/ci990307l">http://pubs.acs.org/doi/abs/10.1021/ci990307l</a>

## Legend

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

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<https://www.chemeo.com/cid/65-552-7/L-HYDROXYPROLINE-N-O-O-TMS.pdf>

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