

# 2-Pyrrolidone-5-carboxylic acid, trimethylsilyl ester

<b>Other names:</b>	Pyroglutamic acid, tms derivative
<b>Inchi:</b>	InChI=1S/C8H15NO3Si/c1-13(2,3)12-8(11)6-4-5-7(10)9-6/h6H,4-5H2,1-3H3,(H,9,10)
<b>InchiKey:</b>	HYNVOYNMQLZSIW-UHFFFAOYSA-N
<b>Formula:</b>	C8H15NO3Si
<b>SMILES:</b>	C[Si](C)(C)OC(=O)C1CCC(=O)N1
<b>Mol. weight [g/mol]:</b>	201.30

## Physical Properties

Property code	Value	Unit	Source
log10ws	0.94		Crippen Method
logp	0.643		Crippen Method
rinsol	1511.00		NIST Webbook
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## Sources

<b>NIST Webbook:</b>	<a href="http://webbook.nist.gov/cgi/cbook.cgi?ID=U333171&amp;Units=SI">http://webbook.nist.gov/cgi/cbook.cgi?ID=U333171&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>
<b>Crippen Method:</b>	<a href="https://www.chemeo.com/doc/models/crippen_log10ws">https://www.chemeo.com/doc/models/crippen_log10ws</a>

## Legend

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

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