

# 1-Phenylpyrazolidin-2-trimethylsilyl-3-one

<b>Other names:</b>	1-Phenyl-2-trimethylsilyl-3-oxopyrazolidine 1-Phenyl-2-trimethylsilyl-3-pyrazolidone
<b>Inchi:</b>	InChI=1S/C12H18N2OSi/c1-16(2,3)14-12(15)9-10-13(14)11-7-5-4-6-8-11/h4-8H,9-10H2,
<b>InchiKey:</b>	NNUDOTMTUQVSOP-UHFFFAOYSA-N
<b>Formula:</b>	C12H18N2OSi
<b>SMILES:</b>	C[Si](C)(C)N1C(=O)CCN1c1ccccc1
<b>Mol. weight [g/mol]:</b>	234.37

## Physical Properties

Property code	Value	Unit	Source
log10ws	-0.33		Crippen Method
logp	2.475		Crippen Method
rinpol	1736.00		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=U373173&amp;Units=SI">http://webbook.nist.gov/cgi/cbook.cgi?ID=U373173&amp;Units=SI</a>
<b>Crippen Method:</b>	<a href="http://pubs.acs.org/doi/abs/10.1021/ci9903071">http://pubs.acs.org/doi/abs/10.1021/ci9903071</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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