

# Primidone di-methyl derivative

<b>Other names:</b>	Primaclone permethylated Primidone Me
<b>Inchi:</b>	InChI=1S/C14H18N2O2/c1-4-14(11-8-6-5-7-9-11)12(17)15(2)10-16(3)13(14)18/h5-9H,4,
<b>InchiKey:</b>	NSXBKSZCNUFEQL-UHFFFAOYSA-N
<b>Formula:</b>	C14H18N2O2
<b>SMILES:</b>	CCC1(c2ccccc2)C(=O)N(C)CN(C)C1=O
<b>Mol. weight [g/mol]:</b>	246.30
<b>CAS:</b>	104169-76-8

## Physical Properties

Property code	Value	Unit	Source
log10ws	-1.54		Crippen Method
logp	1.222		Crippen Method
mvol	196.600	ml/mol	McGowan Method

## Sources

<b>NIST Webbook:</b>	<a href="http://webbook.nist.gov/cgi/cbook.cgi?ID=C104169768&amp;Units=SI">http://webbook.nist.gov/cgi/cbook.cgi?ID=C104169768&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>
<b>McGowan Method:</b>	<a href="http://link.springer.com/article/10.1007/BF02311772">http://link.springer.com/article/10.1007/BF02311772</a>

## Legend

<b>log10ws:</b>	Log10 of Water solubility in mol/l
<b>logp:</b>	Octanol/Water partition coefficient
<b>mvol:</b>	McGowan's characteristic volume

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