

# 1,2-Cyclobutanedicarboximide, n-butyl-4-dimethylamino-3,3-dimethyl-

<b>Inchi:</b>	InChI=1S/C14H24N2O2/c1-6-7-8-16-12(17)9-10(13(16)18)14(2,3)11(9)15(4)5/h9-11H,6-
<b>InchiKey:</b>	OWWMPXKYLZLKBQ-UHFFFAOYSA-N
<b>Formula:</b>	C14H24N2O2
<b>SMILES:</b>	CCCCN1C(=O)C2C(C1=O)C(C)(C)C2N(C)C
<b>Mol. weight [g/mol]:</b>	252.35
<b>CAS:</b>	92377-25-8

## Physical Properties

Property code	Value	Unit	Source
log10ws	-1.55		Crippen Method
logp	1.358		Crippen Method
mcvol	209.500	ml/mol	McGowan Method

## Sources

<b>McGowan Method:</b>	<a href="http://link.springer.com/article/10.1007/BF02311772">http://link.springer.com/article/10.1007/BF02311772</a>
<b>NIST Webbook:</b>	<a href="http://webbook.nist.gov/cgi/cbook.cgi?ID=C92377258&amp;Units=SI">http://webbook.nist.gov/cgi/cbook.cgi?ID=C92377258&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>
<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>mcvol:</b>	McGowan's characteristic volume

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