

# Phthalimide, N-[4-(2-oxo-3-oxazolidinyl)butyl]-

<b>Other names:</b>	3-[4-Phthalimidobutyl]-2-oxazolidinone
<b>Inchi:</b>	InChI=1S/C15H16N2O4/c18-13-11-5-1-2-6-12(11)14(19)17(13)8-4-3-7-16-9-10-21-15(16)
<b>InchiKey:</b>	UYJIAEGLVVOHGW-UHFFFAOYSA-N
<b>Formula:</b>	C15H16N2O4
<b>SMILES:</b>	O=C1OCCN1CCCCN1C(=O)c2ccccc2C1=O
<b>Mol. weight [g/mol]:</b>	288.30
<b>CAS:</b>	23830-89-9

## Physical Properties

Property code	Value	Unit	Source
log10ws	-2.64		Crippen Method
logp	1.515		Crippen Method
mcvol	207.270	ml/mol	McGowan Method

## Sources

<b>NIST Webbook:</b>	<a href="http://webbook.nist.gov/cgi/cbook.cgi?ID=C23830899&amp;Units=SI">http://webbook.nist.gov/cgi/cbook.cgi?ID=C23830899&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>
<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>mcvol:</b>	McGowan's characteristic volume

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