

# Phthalimide, N-(2-bromopropyl)-

<b>Other names:</b>	N-(2-Bromopropyl)phthalimide
<b>Inchi:</b>	InChI=1S/C11H10BrNO2/c1-7(12)6-13-10(14)8-4-2-3-5-9(8)11(13)15/h2-5,7H,6H2,1H3
<b>InchiKey:</b>	OEDMJTQRHMQBHD-UHFFFAOYSA-N
<b>Formula:</b>	C11H10BrNO2
<b>SMILES:</b>	CC(Br)CN1C(=O)c2ccccc2C1=O
<b>Mol. weight [g/mol]:</b>	268.11
<b>CAS:</b>	21134-25-8

## Physical Properties

Property code	Value	Unit	Source
log10ws	-3.21		Crippen Method
logp	2.066		Crippen Method
mcvol	161.850	ml/mol	McGowan Method

## Sources

<b>NIST Webbook:</b>	<a href="http://webbook.nist.gov/cgi/cbook.cgi?ID=C21134258&amp;Units=SI">http://webbook.nist.gov/cgi/cbook.cgi?ID=C21134258&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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