

# Butyric acid, 2-(p-methoxyphenyl)-

<b>Other names:</b>	2-(p-Methoxyphenyl)butyric acid
<b>Inchi:</b>	InChI=1S/C11H14O3/c1-14-10-7-5-9(6-8-10)3-2-4-11(12)13/h5-8H,2-4H2,1H3,(H,12,13)
<b>InchiKey:</b>	LZHMNCJMXQKSBY-UHFFFAOYSA-N
<b>Formula:</b>	C11H14O3
<b>SMILES:</b>	<chem>COc1ccc(CCCC([O])=O)cc1</chem>
<b>Mol. weight [g/mol]:</b>	194.23
<b>CAS:</b>	29644-99-3

## Physical Properties

Property code	Value	Unit	Source
log10ws	-6.90		Crippen Method
logp	1.975		Crippen Method
mcvol	153.250	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=C29644993&amp;Units=SI">http://webbook.nist.gov/cgi/cbook.cgi?ID=C29644993&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>

## 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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