

# Glycine, N-(2-methoxybenzoyl)-, methyl ester

<b>Other names:</b>	Hippuric acid, o-methoxy-, methyl ester Methyl o-methoxyhippurate Salicyluric acid methyl ester methyl ether 2-Hydroxybenzoylglycine methyl ester methyl ether Methyl ester, methyl ether of 2-Hydroxybenzoylglycine o-Methoxyhippurate methyl ester Methyl [(2-methoxybenzoyl)amino]acetate 2-Hydroxyhippuric acid, methyl ether, methyl ester Glycine, N-(o-anisoyl)-, methyl ester o-Methoxyhippuric acid, methyl ester
<b>Inchi:</b>	InChI=1S/C11H13NO4/c1-15-9-6-4-3-5-8(9)11(14)12-7-10(13)16-2/h3-6H,7H2,1-2H3,(H,
<b>InchiKey:</b>	DMFZPUCQOXSNME-UHFFFAOYSA-N
<b>Formula:</b>	C11H13NO4
<b>SMILES:</b>	COC(=O)CN=C(O)c1ccccc1OC
<b>Mol. weight [g/mol]:</b>	223.23
<b>CAS:</b>	27796-49-2

## Physical Properties

Property code	Value	Unit	Source
hf	-502.13	kJ/mol	Joback Method
hvap	74.66	kJ/mol	Joback Method
log10ws	-1.18		Crippen Method
logp	1.173		Crippen Method
mcvol	166.950	ml/mol	McGowan Method
pc	2665.27	kPa	Joback Method
rinpol	1861.00		NIST Webbook
rinpol	1862.00		NIST Webbook
rinpol	1862.00		NIST Webbook
rinpol	1861.00		NIST Webbook
tb	750.19	K	Joback Method
tc	961.43	K	Joback Method

## Sources

<b>Crippen Method:</b>	<a href="https://www.chemeo.com/doc/models/crippen_log10ws">https://www.chemeo.com/doc/models/crippen_log10ws</a>
<b>Joback Method:</b>	<a href="https://en.wikipedia.org/wiki/Joback_method">https://en.wikipedia.org/wiki/Joback_method</a>
<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=C27796492&amp;Units=SI">http://webbook.nist.gov/cgi/cbook.cgi?ID=C27796492&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>

## Legend

<b>hf:</b>	Enthalpy of formation at standard conditions
<b>hvap:</b>	Enthalpy of vaporization at standard conditions
<b>log10ws:</b>	Log10 of Water solubility in mol/l
<b>logp:</b>	Octanol/Water partition coefficient
<b>mcvol:</b>	McGowan's characteristic volume
<b>pc:</b>	Critical Pressure
<b>rinpol:</b>	Non-polar retention indices
<b>tb:</b>	Normal Boiling Point Temperature
<b>tc:</b>	Critical Temperature

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