

# Glutarimide, N-(2-methoxybenzyl)-

**Inchi:** InChI=1S/C13H15NO3/c1-17-11-6-3-2-5-10(11)9-14-12(15)7-4-8-13(14)16/h2-3,5-6H,4,7  
**InchiKey:** NMQKLWWMQAGBRW-UHFFFAOYSA-N  
**Formula:** C13H15NO3  
**SMILES:** COc1ccccc1CN1C(=O)CCCC1=O  
**Mol. weight [g/mol]:** 233.26

## Physical Properties

Property code	Value	Unit	Source
log10ws	-2.58		Crippen Method
logp	1.734		Crippen Method
mcvol	178.400	ml/mol	McGowan Method
rinsol	2104.00		NIST Webbook

## Sources

**McGowan Method:** <http://link.springer.com/article/10.1007/BF02311772>  
**NIST Webbook:** <http://webbook.nist.gov/cgi/cbook.cgi?ID=U360037&Units=SI>  
**Crippen Method:** <http://pubs.acs.org/doi/abs/10.1021/ci990307I>  
**Crippen Method:** [https://www.chemeo.com/doc/models/crippen\\_log10ws](https://www.chemeo.com/doc/models/crippen_log10ws)

## Legend

**log10ws:** Log10 of Water solubility in mol/l  
**logp:** Octanol/Water partition coefficient  
**mcvol:** McGowan's characteristic volume  
**rinsol:** Non-polar retention indices

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