# Glutarimide, N-(2-methoxyphenyl)-

**Inchi:** InChI=1S/C12H13NO3/c1-16-10-6-3-2-5-9(10)13-11(14)7-4-8-12(13)15/h2-3,5-6H,4,7-8H
**InchiKey:** VHWPCWSKXRFYEF-UHFFFAOYSA-N
**Formula:** C12H13NO3
**SMILES:** COc1ccccc1N1C(=O)CCCC1=O
**Mol. weight [g/mol]:** 219.24

## Physical Properties

| Property code | Value | Unit | Source |
|---|---|---|---|
| log10ws | -2.20 | | Crippen Method |
| logp | 1.739 | | Crippen Method |
| mcvol | 164.310 | ml/mol | McGowan Method |
| rinpol | 2172.00 | | NIST Webbook |

## Sources

**Crippen Method:** http://pubs.acs.org/doi/abs/10.1021/ci990307l
**Crippen Method:** https://www.chemeo.com/doc/models/crippen_log10ws
**McGowan Method:** http://link.springer.com/article/10.1007/BF02311772
**NIST Webbook:** http://webbook.nist.gov/cgi/cbook.cgi?ID=U360940&Units=SI

## Legend

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