

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
rinpola	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
rinpola: Non-polar retention indices

Latest version available from:

<https://www.chemeo.com/cid/42-192-2/Glutarimide-N-2-methoxyphenyl.pdf>

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