

Glutarimide, N-(4-chlorophenyl)-

Inchi: InChI=1S/C11H10ClNO2/c12-8-4-6-9(7-5-8)13-10(14)2-1-3-11(13)15/h4-7H,1-3H2
InchiKey: HXXVDRRWNNHFTI-UHFFFAOYSA-N
Formula: C11H10ClNO2
SMILES: O=C1CCCC(=O)N1c1ccc(Cl)cc1
Mol. weight [g/mol]: 223.66

Physical Properties

Property code	Value	Unit	Source
log10ws	-2.77		Crippen Method
logp	2.384		Crippen Method
mcvol	156.590	ml/mol	McGowan Method
rinpol	2169.00		NIST Webbook
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Sources

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=U360792&Units=SI>
Crippen Method: <http://pubs.acs.org/doi/abs/10.1021/ci9903071>

Legend

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

Latest version available from:

<https://www.chemeo.com/cid/43-796-1/Glutarimide-N-4-chlorophenyl.pdf>

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