Glutarimide, N-(2-phenylpropyl)-

Inchi: InChI=1S/C14H17NO2/c1-11(12-6-3-2-4-7-12)10-15-13(16)8-5-9-14(15)17/h2-4,6-7,11H
InchiKey: CFXDGVOEFWIVOW-UHFFFAOYSA-N
Formula: C14H17NO2
SMILES: CC(CN1C(=O)CCCC1=O)c1ccccc1
Mol. weight [g/mol]: 231.29

Physical Properties

Property code	Value	Unit	Source
log10ws	-2.76		Crippen Method
logp	2.329		Crippen Method
mcvol	186.620	ml/mol	McGowan Method
rinpol	1934.00		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=U360834&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