

Glutarimide, N-(2-ethylphenyl)-

Inchi: InChI=1S/C13H15NO2/c1-2-10-6-3-4-7-11(10)14-12(15)8-5-9-13(14)16/h3-4,6-7H,2,5,8-
InchiKey: AKUGQHZLGGJABRU-UHFFFAOYSA-N
Formula: C13H15NO2
SMILES: CCc1ccccc1N1C(=O)CCCC1=O
Mol. weight [g/mol]: 217.26

Physical Properties

Property code	Value	Unit	Source
log10ws	-2.88		Crippen Method
logp	2.292		Crippen Method
mcvol	172.530	ml/mol	McGowan Method
rmpol	2236.00		NIST Webbook
rmpol	2236.00		NIST Webbook

Sources

McGowan Method: <http://link.springer.com/article/10.1007/BF02311772>
NIST Webbook: <http://webbook.nist.gov/cgi/cbook.cgi?ID=U360889&Units=SI>
Crippen Method: <http://pubs.acs.org/doi/abs/10.1021/ci9903071>
Crippen Method: https://www.cheméo.com/doc/models/crippen_log10ws

Legend

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

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