Glutarimide, N-(1-phenylethyl)-

Inchi: InChI=1S/C13H15NO2/c1-10(11-6-3-2-4-7-11)14-12(15)8-5-9-13(14)16/h2-4,6-7,10H,5,8
InchiKey: JBPAAQKHFYOBOZ-UHFFFAOYSA-N
Formula: C13H15NO2
SMILES: CC(c1ccccc1)N1C(=O)CCCC1=O
Mol. weight [g/mol]: 217.26

Physical Properties

Property code	Value	Unit	Source
log10ws	-2.84		Crippen Method
logp	2.287		Crippen Method
mcvol	172.530	ml/mol	McGowan Method
rinpol	1884.00		NIST Webbook
rinpol	1884.00		NIST Webbook

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=U360168&Units=SI
Crippen Method: http://pubs.acs.org/doi/abs/10.1021/ci990307l

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/11-397-9/Glutarimide-N-1-phenylethyl.pdf
Generated by Cheméo on 2024-05-03 05:08:06.09381589 +0000 UTC m=+17002135.014393205.

Cheméo (https://www.chemeo.com) is the biggest free database of chemical and physical data for the process industry.