

Glutarimide, N-(2-biphenyl)-

Inchi: InChI=1S/C17H15NO2/c19-16-11-6-12-17(20)18(16)15-10-5-4-9-14(15)13-7-2-1-3-8-13/
InchiKey: SDIHGWFVVLGCSK-UHFFFAOYSA-N
Formula: C17H15NO2
SMILES: O=C1CCCC(=O)N1c1cccc1-c1cccc1
Mol. weight [g/mol]: 265.31

Physical Properties

Property code	Value	Unit	Source
log10ws	-4.68		Crippen Method
logp	3.397		Crippen Method
mcvol	205.130	ml/mol	McGowan Method
rinpol	2294.00		NIST Webbook
rinpol	2294.00		NIST Webbook

Sources

Crippen Method: <http://pubs.acs.org/doi/abs/10.1021/ci9903071>
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=U360053&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

Latest version available from:

<https://www.chemeo.com/cid/16-266-9/Glutarimide-N-2-biphenyl.pdf>

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