

Glutarimide, N-(2-bromophenyl)-

Inchi:	InChI=1S/C11H10BrNO2/c12-8-4-1-2-5-9(8)13-10(14)6-3-7-11(13)15/h1-2,4-5H,3,6-7H2
InchiKey:	OKRWIXIREZKNQE-UHFFFAOYSA-N
Formula:	C11H10BrNO2
SMILES:	O=C1CCCC(=O)N1c1ccccc1Br
Mol. weight [g/mol]:	268.11

Physical Properties

Property code	Value	Unit	Source
log10ws	-3.24		Crippen Method
logp	2.493		Crippen Method
mcvol	161.850	ml/mol	McGowan Method
rinpola	2241.00		NIST Webbook
rinpola	2241.00		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=U360911&Units=SI

Legend

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

Latest version available from:

<https://www.chemeo.com/cid/40-972-8/Glutarimide-N-2-bromophenyl.pdf>

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