

Glutarimide, N-(4-methylbenzyl)

Inchi:	InChI=1S/C13H15NO2/c1-10-5-7-11(8-6-10)9-14-12(15)3-2-4-13(14)16/h5-8H,2-4,9H2,1
InchiKey:	JMYTXJWBVXTQLK-UHFFFAOYSA-N
Formula:	C13H15NO2
SMILES:	Cc1ccc(CN2C(=O)CCCC2=O)cc1
Mol. weight [g/mol]:	217.26

Physical Properties

Property code	Value	Unit	Source
log10ws	-2.93		Crippen Method
logp	2.034		Crippen Method
mcvol	172.530	ml/mol	McGowan Method
rinpola	1999.00		NIST Webbook

Sources

NIST Webbook:	http://webbook.nist.gov/cgi/cbook.cgi?ID=U360022&Units=SI
Crippen Method:	http://pubs.acs.org/doi/abs/10.1021/ci990307l
Crippen Method:	https://www.cheméo.com/doc/models/crippen_log10ws
McGowan Method:	http://link.springer.com/article/10.1007/BF02311772

Legend

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

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