Glutarimide, N-(2-methoxybenzyl)-

Inchi: InChI=1S/C13H15NO3/c1-17-11-6-3-2-5-10(11)9-14-12(15)7-4-8-13(14)16/h2-3,5-6H,4,7
InchiKey: NMQKLWWMQAGBRW-UHFFFAOYSA-N
Formula: C13H15NO3
SMILES: COc1ccccc1CN1C(=O)CCCC1=O
Mol. weight [g/mol]: 233.26

Physical Properties

Property code	Value	Unit	Source
log10ws	-2.58		Crippen Method
logp	1.734		Crippen Method
mcvol	178.400	ml/mol	McGowan Method
rinpol	2104.00		NIST Webbook

Sources

McGowan Method: http://link.springer.com/article/10.1007/BF02311772
NIST Webbook: http://webbook.nist.gov/cgi/cbook.cgi?ID=U360037&Units=SI
Crippen Method: http://pubs.acs.org/doi/abs/10.1021/ci990307l
Crippen Method: https://www.chemeo.com/doc/models/crippen_log10ws

Legend

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