Glutarimide, N-(2,4-dimethoxyphenyl)-

Inchi: InChI=1S/C13H15NO4/c1-17-9-6-7-10(11(8-9)18-2)14-12(15)4-3-5-13(14)16/h6-8H,3-5H
InchiKey: CHCBWHCCNLBJEN-UHFFFAOYSA-N
Formula: C13H15NO4
SMILES: COc1ccc(N2C(=O)CCCC2=O)c(OC)c1
Mol. weight [g/mol]: 249.26

Physical Properties

Property code	Value	Unit	Source
log10ws	-2.32		Crippen Method
logp	1.747		Crippen Method
mcvol	184.270	ml/mol	McGowan Method
rinpol	2574.00		NIST Webbook

Sources

NIST Webbook: http://webbook.nist.gov/cgi/cbook.cgi?ID=U360879&Units=SI
Crippen Method: http://pubs.acs.org/doi/abs/10.1021/ci990307l
Crippen Method: https://www.chemeo.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
rinpol: Non-polar retention indices