Glutarimide, N-(1,2,3,4-tetrahydronaphth-1-yl)-

Inchi: InChI=1S/C15H17NO2/c17-14-9-4-10-15(18)16(14)13-8-3-6-11-5-1-2-7-12(11)13/h1-2,5,
InchiKey: OJCFBGOBFXEZMZ-UHFFFAOYSA-N
Formula: C15H17NO2
SMILES: O=C1CCCC(=O)N1C1CCCc2ccccc21
Mol. weight [g/mol]: 243.30

Physical Properties

Property code	Value	Unit	Source
log10ws	-3.54		Crippen Method
logp	2.603		Crippen Method
mcvol	189.850	ml/mol	McGowan Method
rinpol	2202.00		NIST Webbook

Sources

NIST Webbook: http://webbook.nist.gov/cgi/cbook.cgi?ID=U360215&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