Glutarimide, N-(3-pentyl)-

Inchi: InChI=1S/C10H17NO2/c1-3-8(4-2)11-9(12)6-5-7-10(11)13/h8H,3-7H2,1-2H3
InchiKey: ADWSUGLKDKYFEG-UHFFFAOYSA-N
Formula: C10H17NO2
SMILES: CCC(CC)N1C(=O)CCCC1=O
Mol. weight [g/mol]: 183.25

Physical Properties

Property code	Value	Unit	Source
log10ws	-2.14		Crippen Method
logp	1.714		Crippen Method
mcvol	154.020	ml/mol	McGowan Method
rinpol	1425.00		NIST Webbook
rinpol	1425.00		NIST Webbook

Sources

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
NIST Webbook: http://webbook.nist.gov/cgi/cbook.cgi?ID=U360817&Units=SI

Legend

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

Cheméo (https://www.chemeo.com) is the biggest free database of chemical and physical data for the process industry.