2,5-dimethyl-4-(1-pyrrolidinyl)-3(2H)-furanone

Inchi: InChI=1S/C10H15NO2/c1-7-9(10(12)8(2)13-7)11-5-3-4-6-11/h8H,3-6H2,1-2H3
InchiKey: FRPGHNBHIDMQGT-UHFFFAOYSA-N
Formula: C10H15NO2
SMILES: CC1=C(N2CCCC2)C(=O)C(C)O1
Mol. weight [g/mol]: 181.23

Physical Properties

Property code	Value	Unit	Source
log10ws	-1.69		Crippen Method
logp	1.301		Crippen Method
mcvol	143.160	ml/mol	McGowan Method
ripol	1842.00		NIST Webbook
ripol	1842.00		NIST Webbook

Sources

McGowan Method: http://link.springer.com/article/10.1007/BF02311772
NIST Webbook: http://webbook.nist.gov/cgi/cbook.cgi?ID=U366030&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
ripol: Polar retention indices

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