Piperidine, 1-[(2,6-dioxo-4-piperidyl)carbonyl]-

Inchi: InChI=1S/C11H16N2O3/c14-9-6-8(7-10(15)12-9)11(16)13-4-2-1-3-5-13/h8H,1-7H2,(H,12
InchiKey: IECFLGZLVPEZCQ-UHFFFAOYSA-N
Formula: C11H16N2O3
SMILES: O=C1CC(C(=O)N2CCCCC2)CC(=O)N1
Mol. weight [g/mol]: 224.26
CAS: 116557-98-3

Physical Properties

Property code	Value	Unit	Source
log10ws	-1.06		Crippen Method
logp	0.052		Crippen Method
mcvol	168.800	ml/mol	McGowan Method

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=C116557983&Units=SI

Legend

log10ws: Log10 of Water solubility in mol/l
logp: Octanol/Water partition coefficient
mcvol: McGowan's characteristic volume