kebuzone

Inchi: InChI=1S/C19H18N2O3/c1-14(22)12-13-17-18(23)20(15-8-4-2-5-9-15)21(19(17)24)16-10
InchiKey: LGYTZKPVOAIUKX-UHFFFAOYSA-N
Formula: C19H18N2O3
SMILES: CC(=O)CCC1C(=O)N(c2ccccc2)N(c2ccccc2)C1=O
Mol. weight [g/mol]: 322.36

Physical Properties

Property code	Value	Unit	Source
log10ws	-3.27		Aqueous Solubility Prediction Method
log10ws	-3.27		Estimated Solubility Method
logp	2.967		Crippen Method
mcvol	244.860	ml/mol	McGowan Method

Sources

Estimated Solubility Method: http://pubs.acs.org/doi/suppl/10.1021/ci034243x/suppl_file/ci034243xsi20040112_053635.txt
McGowan Method: http://link.springer.com/article/10.1007/BF02311772
Crippen Method: http://pubs.acs.org/doi/abs/10.1021/ci990307l
Aqueous Solubility Prediction Method: http://onschallenge.wikispaces.com/file/view/AqueousDataset002.xlsx/351826032/AqueousDa

Legend

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

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