

Indapamide

Inchi: InChI=1S/C16H16ClN3O3S/c1-10-8-11-4-2-3-5-14(11)20(10)19-16(21)12-6-7-13(17)15(9)
InchiKey: NDDAHWYSQHTHTNT-UHFFFAOYSA-N
Formula: C16H16ClN3O3S
SMILES: CC1Cc2ccccc2N1NC(=O)c1ccc(Cl)c(S(N)(=O)=O)c1
Mol. weight [g/mol]: 365.84

Physical Properties

Property code	Value	Unit	Source
log10ws	-3.64		Aqueous Solubility Prediction Method
log10ws	-3.59		Estimated Solubility Method
logp	2.083		Crippen Method
mcvol	249.760	ml/mol	McGowan Method

Sources

Crippen Method: <http://pubs.acs.org/doi/abs/10.1021/ci9903071>
Aqueous Solubility Prediction Method: <http://onschallenge.wikispaces.com/file/view/AqueousDataset002.xlsx/351826032/AqueousDataset002.xlsx>
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>

Legend

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

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