

meloxicam

Inchi: InChI=1S/C14H13N3O4S2/c1-8-7-15-14(22-8)16-13(19)11-12(18)9-5-3-4-6-10(9)23(20,21)24/s1
InchiKey: ZRVUJXDFFKFLMG-UHFFFAOYSA-N
Formula: C14H13N3O4S2
SMILES: Cc1cnc(NC(=O)C2=C(O)c3ccccc3S(=O)(=O)N2C)s1
Mol. weight [g/mol]: 351.41

Physical Properties

Property code	Value	Unit	Source
log10ws	-3.00		Aqueous Solubility Prediction Method
logp	1.951		Crippen Method
mcvol	231.560	ml/mol	McGowan Method

Sources

McGowan Method:

<http://link.springer.com/article/10.1007/BF02311772>

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>

Legend

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

Latest version available from:

<https://www.cheméo.com/cid/109-382-7/meloxicam.pdf>

Generated by Cheméo on 2024-04-28 22:35:37.466345276 +0000 UTC m=+16632986.386922593.

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