clofazimine

Inchi: InChI=1S/C27H22Cl2N4/c1-17(2)30-24-16-27-25(15-23(24)31-20-11-7-18(28)8-12-20)32
InchiKey: WDQPAMHFFCXSNU-UHFFFAOYSA-N
Formula: C27H22Cl2N4
SMILES: CC(C)/N=c1\cc2n(-c3ccc(Cl)cc3)c3ccccc3nc-2cc1Nc1ccc(Cl)cc1
Mol. weight [g/mol]: 473.41

Physical Properties

Property code	Value	Unit	Source
log10ws	-5.80		Aqueous and cosolvent solubility data for drug-like organic compounds
log10ws	-6.24		Aqueous Solubility Prediction Method
logp	7.490		Crippen Method
mcvol	345.490	ml/mol	McGowan Method

Sources

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
Aqueous and cosolvent solubility data for drug-like organic compounds: https://www.ncbi.nlm.nih.gov/pmc/articles/PMC2751500/
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

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