Dimorpholamine

Inchi: InChI=1S/C20H38N4O4/c1-3-5-7-21(19(25)23-11-15-27-16-12-23)9-10-22(8-6-4-2)20(26
InchiKey: HZTMGWSBSDLALI-UHFFFAOYSA-N
Formula: C20H38N4O4
SMILES: CCCCN(CCN(CCCC)C(=O)N1CCOCC1)C(=O)N1CCOCC1
Mol. weight [g/mol]: 398.55

Physical Properties

Property code	Value	Unit	Source
log10ws	0.10		Aqueous and cosolvent solubility data for drug-like organic compounds
logp	2.095		Crippen Method
mcvol	325.740	ml/mol	McGowan Method

Sources

Crippen Method: http://pubs.acs.org/doi/abs/10.1021/ci990307l
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