

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/ci9903071
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

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