4,4'-Azoxydipyridine, 1,1'-dioxide

Inchi: InChI=1S/C10H8N4O3/c15-12-5-1-9(2-6-12)11-14(17)10-3-7-13(16)8-4-10/h1-8H/b14-11
InchiKey: KJBJTNIKLCZBAG-KAMYIIQDSA-N
Formula: C10H8N4O3
SMILES: [O-][N+](=Nc1cc[n+]([O-])cc1)c1cc[n+]([O-])cc1
Mol. weight [g/mol]: 232.20
CAS: 13673-30-8

Physical Properties

Property code	Value	Unit	Source
log10ws	-6.46		Crippen Method
logp	0.879		Crippen Method
mcvol	157.470	ml/mol	McGowan Method

Sources

McGowan Method: http://link.springer.com/article/10.1007/BF02311772
NIST Webbook: http://webbook.nist.gov/cgi/cbook.cgi?ID=C13673308&Units=SI
Crippen Method: http://pubs.acs.org/doi/abs/10.1021/ci990307l
Crippen Method: https://www.chemeo.com/doc/models/crippen_log10ws

Legend

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