

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-])cc1c1cc[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/ci9903071
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

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<https://www.chemeo.com/cid/23-287-8/4-4-Azoxydipyridine-1-1-dioxide.pdf>

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