

2,3'-Dipyridyl

Other names:	2,3'-Bipyridyl 2,3'-Bipyridine «alpha», «beta»'-Bipyridine 2,3'-Dipyridine «alpha», «beta»-Dipyridyl Isonicoteine 2,3-Dipyridyl
Inchi:	InChI=1S/C10H8N2/c1-2-7-12-10(5-1)9-4-3-6-11-8-9/h1-8H
InchiKey:	VEKIYFGCEAJDDT-UHFFFAOYSA-N
Formula:	C10H8N2
SMILES:	<chem>c1ccc(-c2cccnc2)nc1</chem>
Mol. weight [g/mol]:	156.18
CAS:	581-50-0

Physical Properties

Property code	Value	Unit	Source
log10ws	-3.61		Crippen Method
logp	2.144		Crippen Method
mcvol	124.200	ml/mol	McGowan Method
rinpol	1576.00		NIST Webbook
ripol	2428.00		NIST Webbook

Sources

Crippen Method:	http://pubs.acs.org/doi/abs/10.1021/ci9903071
Crippen Method:	https://www.chemeo.com/doc/models/crippen_log10ws
McGowan Method:	http://link.springer.com/article/10.1007/BF02311772
NIST Webbook:	http://webbook.nist.gov/cgi/cbook.cgi?ID=C581500&Units=SI

Legend

log10ws:	Log10 of Water solubility in mol/l
logp:	Octanol/Water partition coefficient
mcvol:	McGowan's characteristic volume
rinpol:	Non-polar retention indices
ripol:	Polar retention indices

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