

di-2-Pyridyl ketone

Other names:	2,2'-Dipyridyl ketone Methanone, di-2-pyridinyl- 2-Pyridyl ketone Ketone, di-2-pyridyl Bis(2-pyridyl) ketone Di(pyridin-2-yl) ketone Di(2-pyridinyl)methanone
Inchi:	InChI=1S/C11H8N2O/c14-11(9-5-1-3-7-12-9)10-6-2-4-8-13-10/h1-8H
InchiKey:	QPOWUYJWCJRLEE-UHFFFAOYSA-N
Formula:	C11H8N2O
SMILES:	O=C(c1cccn1)c1cccn1
Mol. weight [g/mol]:	184.19
CAS:	19437-26-4

Physical Properties

Property code	Value	Unit	Source
log10ws	-2.96		Crippen Method
logp	1.708		Crippen Method
mvol	139.860	ml/mol	McGowan Method

Sources

NIST Webbook:	http://webbook.nist.gov/cgi/cbook.cgi?ID=C19437264&Units=SI
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

Legend

log10ws:	Log10 of Water solubility in mol/l
logp:	Octanol/Water partition coefficient

mcvol: McGowan's characteristic volume

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