2,3'-Bipyridine, 1'-acetyl-1',3,4,4',5,5',6,6'-octahydro-

Other names: N-Acetylhystrine
Inchi: InChI=1S/C12H18N2O/c1-10(15)14-8-4-5-11(9-14)12-6-2-3-7-13-12/h9H,2-8H2,1H3
InchiKey: VGALILHZAQZXRB-UHFFFAOYSA-N
Formula: C12H18N2O
SMILES: CC(=O)N1C=C(C2=NCCCC2)CCC1
Mol. weight [g/mol]: 206.28
CAS: 52195-93-4

Physical Properties

Property code	Value	Unit	Source
log10ws	-2.49		Crippen Method
logp	2.137		Crippen Method
mcvol	171.150	ml/mol	McGowan Method
rinpol	1935.00		NIST Webbook
rinpol	1932.00		NIST Webbook
rinpol	1932.00		NIST Webbook

Sources

NIST Webbook: http://webbook.nist.gov/cgi/cbook.cgi?ID=C52195934&Units=SI
Crippen Method: http://pubs.acs.org/doi/abs/10.1021/ci990307l
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
rinpol: Non-polar retention indices