



Formula: C<sub>10</sub>H<sub>14</sub>N<sub>2</sub>

MW: 162.23

Salt: HCl

CAS: 494-52-0

TNP NUMBER: TNP00538

MDL NUMBER: MFCD01570966

IUPAC: 3-((2R)-2-piperidyl)pyridine

Smiles: c1ncccc1[C@H]1CCCCN1

In anabasis aphylla, insecticide

Insecticide

REFERENCE: 1) G. A. Abdulina<sup>1</sup>, A. M. Gazaliev<sup>1</sup>, G. G. Baikenova<sup>2</sup>, S. D. Fazylov<sup>2</sup> and S. Zh. Kudaibergenova<sup>2</sup> A Comparative Study of the Antibacterial and Antifungal Activity of Anabasine Hydrochloride and Dialkylthiophosphates Journal Pharmaceutical Chemistry Journal Publisher Springer New York ISSN 0091-150X (Print) 1573-9031 (Online) Issue Volume 36, Number 3 / March, 2002 DOI 10.1023/A:1019670008920 Pages 119-120 Subject Collection Medicine SpringerLink Date Tuesday, December 28, 2004 2)Behav Brain Res (2004) 153: 419-22. Anabasine, a selective nicotinic acetylcholine receptor agonist, antagonizes MK-801-elicited mouse popping behavior, an animal model of schizophrenia. J Mastropaolo, RB Rosse, SI Deutsch

ACCEPTORS: 0

DONORS: 1

ROTATION BONDS: 0

N+O: 2

Chiral Centers: 1

LogP: 1.1

LogS: -3.04

LIPINSKI: 4

Synonyms:

(S)-(-)-2-(3-PYRIDYL)PIPERIDINE;(S)-1,2,3,4,5,6-HEXAHYDRO-[2,3']BIPYRIDINYL;NEONICOTINE;L(-)-NEONICOTINE;L(-)-ANABASINE;L-ANABASINE;2-(3-PYRIDYL)PIPERIDINE;(-)-ANABASINE

CAS:494-52-0

MF:C10H14N2

MW:162.23

EINECS:207-791-3

Product Categories:Aromatics Compounds;Aromatics;Chiral Reagents;Nicotine Derivatives (-)-ANABASINE

Chemical Properties: mp 9C bp 270-272C density 1,0455 g/cm3 refractive index 1.5430 Fp 93C Merck 14,619 BRN 82637

CAS DataBase Reference: 494-52-0(

CAS DataBase Reference: ) NIST Chemistry ReferencePyridine, 3-(2-piperidinyl)-, (S)-(494-52-0) EPA Substance Registry SystemPyridine, 3-(2S)-2-piperidinyl-(494-52-0) T Risk Statements 27/28-51/53-23/24/25 Safety Statements 28-36/37-45-61-36/37/39-28A RIDADR 3140 RTECS BV4375000 HazardClass 6.1 PackingGroup I Hazardous Substances Data494-52-0(Hazardous Substances Data) (-)-ANABASINE

Usage And Synthesis:

Chemical Properties: Pale Yellow Oil UsageNicotinic receptor agonist (-)-ANABASINE



