



Formula: C₈H₁₀N₂O₄

MW: 198.18

CAS: 500-44-7

MDL: MFCD00006186

TNP: TNP00131

L-LEUCININE; L(-)-MIMOSINE; L-MIMOSINE;
BETA-[N-(3-HYDROXY-4-PYRIDONE)]-ALPHA-AMINOPROPIONIC ACID; LEUCENOL;
ALPHA-AMINO-BETA-[N-(3-HYDROXY-4-PYRIDONE)]-PROPIONIC ACID; MIMOSINE;
(S)-ALPHA-AMINO-BETA-(1-[3-HYDROXY-4-OXOPYRIDINE])PROPIONIC ACID



LogP: -2.65

LogS: -2.24

Acceptors: 4

Donors: 4

Rotation Bonds: 4

Chiral Centers: 1

N+O: 6

LIPINSKY: 4

IUPAC: (2S)-2-amino-3-(3-hydroxy-4-oxohydroxyridyl)propanoic acid

Smiles: c1(cn(CC([C@@](=O)O)N)ccc1=O)O

SOURCE: Naturally, occurring amino acid; from Koa hoale seeds

Specification: Alkaloids L-MIMOSINE Chemical Properties:

mp 224-228 C Merck 13,6221 CAS DataBase Reference 500-44-7 (CAS DataBase Reference)
Safety Information Hazard Codes Xn Risk Statements 20/21/22 Safety Statements 22-36 WGK
Germany 3 L-MIMOSINE Usage And Synthesis Chemical Properties:

light tan to pink crystalline powder L-MIMOSINE