



Formula: C<sub>9</sub>H<sub>14</sub>N<sub>4</sub>O<sub>3</sub>

MW: 226.24

CAS: 305-84-0

MDL: MFCD00066463

TNP: TNP00340

H-BETA-ALA-HIS-OH; L-IGNOTINE; L-BETA-ALANINE HISTIDINE; L-CARNOSINE;  
B-ALANYL-L-HISTIDINE; BETA-A-H; BETA-ALANYL-L-HISTIDINE; BETA-ALA-L-HIS



LogP: 2.91

LogS: -4.06

Acceptors: 3

Donors: 5

Rotation Bonds: 6

Chiral Centers: 1

N+O: 7

LIPINSKY: 4

IUPAC: (2S)-2-(3-aminopropanoylamino)-3-imidazol-4-ylpropanoic acid

Smiles: c1[nH]cnc1C[C@@H](C(O)=O)NC(=O)CCN

Specification: Amino Acid Derivatives; Amino Acids; chiral; Nutritional Supplements  
L-Carnosine Chemical Properties:

mp 253 C (dec.)(lit.) alpha 20.9