



Formula: C<sub>9</sub>H<sub>11</sub>NO<sub>4</sub>

MW: 197.19

CAS: 59-92-7

MDL: MFCD00063060

TNP:

3,4-DIHYDROXY-L-PHENYLALANINE,DOPA



LogP: -2.82

LogS: -1.88

Acceptors: 4

Donors: 5

Rotation Bonds: 6

Chiral Centers: 1

N+O: 5

LIPINSKY: 4

Info: Natural isomer of the immediate precursor of dopamine; product of tyrosine hydroxylase

IUPAC: (2S)-2-amino-3-(3,4-dihydroxyphenyl)propanoic acid

Smiles: C([C@H](Cc1cc(O)c(cc1)O)N)(=O)O

Physiol Action: Natural isomer of the immediate precursor of dopamine; product of tyrosine hydroxylase

SOURCE: L-DOPA (L-3,4-dihydroxyphenylalanine; Levodopa; Sinemet, Parcopa, Atamet, Stalevo, Madopar, Prolopa, etc) is a naturally-occurring dietary supplement and psychoactive drug found in certain kinds of food and herbs, and is synthesized from the essential ami

Specification: 3,4-DIHYDROXY-L-PHENYLALANINE,DOPA

3,4-DIHYDROXY-L-PHENYLALANINE,DOPA Usage And Synthesis

3,4-DIHYDROXY-L-PHENYLALANINE,DOPA