

Product Name : L-5-Hydroxytryptophan

Synonyms : 5-HTP; Oxitriptan

Cat No. : M14484

CAS Number : 4350-09-8

Molecular Formula : C₁₁H₁₂N₂O₃

Formula Weight : 220.22

Chemical Name : (2S)-2-amino-3-(5-hydroxy-1H-indol-3-yl)propanoic acid

Description : The immediate precursor in the biosynthesis of SEROTONIN from tryptophan. It is used as an antiepileptic and antidepressant.

Pathway : Immunology/Inflammation

Target : Amino Acids and Derivatives

Receptor : Amino Acids and Derivatives

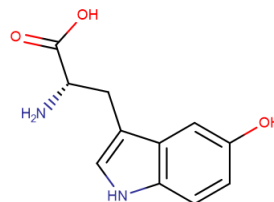
Solubility : Soluble in Water

SMILES : O=C(O)[C@H](N)CC1=CNC2=C1C=C(O)C=C2

Storage : (-20°C)

Stability : ≥ 2 years

Reference :



1. Overington JP, et al. Nat Rev Drug Discov. 2006 Dec;5(12):993-6.