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Lieferung & Zahlungsart

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Zuschläge

- Mindermengenzuschlag
- Trockeneiszuschlag
- Gefahrgutzuschlag
- Expressversand

SZABO-SCANDIC HandelsgmbH

Quellenstraße 110, A-1100 Wien

T. +43(0)1 489 3961-0

F. +43(0)1 489 3961-7

mail@szabo-scandic.com

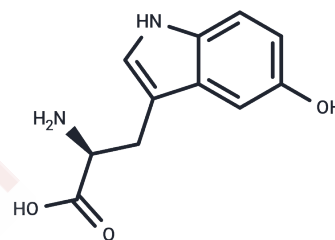
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L-5-Hydroxytryptophan

Chemical Properties

CAS No. :	4350-09-8
Formula:	C ₁₁ H ₁₂ N ₂ O ₃
Molecular Weight:	220.22
Appearance:	no data available
Storage:	Powder: -20°C for 3 years In solvent: -80°C for 1 year



Biological Description

Description	L-5-Hydroxytryptophan (L-5-HTP) is the immediate precursor in the biosynthesis of SEROTONIN from tryptophan. It is used as an antiepileptic and antidepressant.
Targets(IC50)	Amino Acids and Derivatives, Endogenous Metabolite

Solubility Information

Solubility	DMSO: 50 mg/mL (227.05 mM), (< 1 mg/ml refers to the product slightly soluble or insoluble)
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Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	4.5409 mL	22.7046 mL	45.4091 mL
5 mM	0.9082 mL	4.5409 mL	9.0818 mL
10 mM	0.4541 mL	2.2705 mL	4.5409 mL
50 mM	0.0908 mL	0.4541 mL	0.9082 mL

Please select the appropriate solvent to prepare the stock solution, according to the solubility of the product in different solvents. Please use it as soon as possible.

Reference

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

Inhibitor · Natural Compounds · Compound Libraries · Recombinant Proteins

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Tel: 781-999-4286 E_mail: info@targetmol.com Address: 36 Washington Street, Wellesley Hills, MA 02481