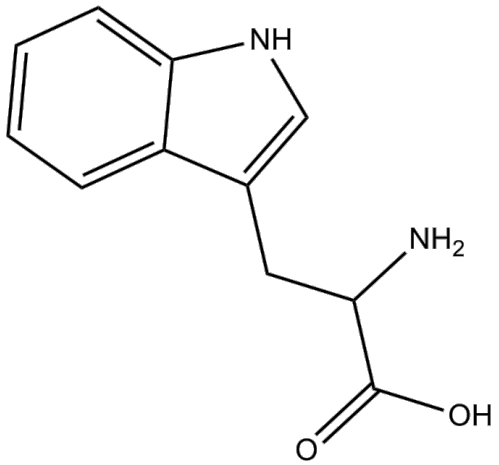
Product Data Sheet

Product Name: H-Trp-OH
Cat. No.: GA10899

Chemical Properties

Cas. No.	73-22-3		
Chemical Name	(2S)-2-amino-3-(1H-indol-3-yl)propanoic acid		
SMILES	C1=CC=C2C(=C1)C(=CN2)CC(C(=O)O)N		
Formula	$C_{11}H_{12}N_2O_2$	M.Wt	204.2
Solubility	DMSO : 11mg/mL	Storage	Store at 2-8°C, protect from light, stored under nitrogen
General tips	For obtaining a higher solubility , please warm the tube at 37 °C and shake it in the ultrasonic bath for a while.Stock solution can be stored below -20°C for several months.		
Shipping Condition	Evaluation sample solution : ship with blue ice All other available size: ship with RT , or blue ice upon request.		

Structure



Background

L-Tryptophan (Tryptophan) is an essential amino acid that is the precursor of serotonin, melatonin, and vitamin B3[1].

References:

Caution: Product has not been fully validated for medical applications. For research use only.
Tel: (909) 407-4943 Fax: (626) 353-8530 E-mail: tech@glpbio.com
Address: 10292 Central Ave. #205, Montclair, CA, USA

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[1]. Slominski A, et al. Conversion of L-tryptophan to serotonin and melatonin in human melanoma cells. FEBS Lett. 2002 Jan 30;511(1-3):102-6.

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