

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

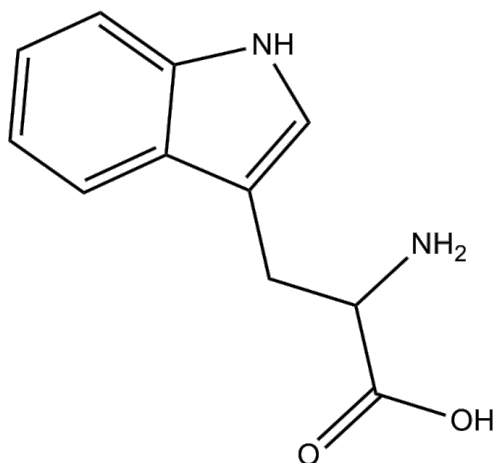
Solubility DMSO : 11mg/mL

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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