



SZABO SCANDIC

Part of Europa Biosite

Produktinformation



Forschungsprodukte & Biochemikalien



Zellkultur & Verbrauchsmaterial



Diagnostik & molekulare Diagnostik



Laborgeräte & Service

Weitere Information auf den folgenden Seiten!
See the following pages for more information!



Lieferung & Zahlungsart

siehe unsere [Liefer- und Versandbedingungen](#)

Zuschläge

- Mindermengenzuschlag
- Trockeneiszuschlag
- Gefahrgutzuschlag
- Expressversand

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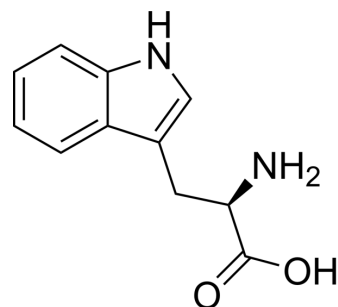
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H-D-Trp-OH

Cat. No.:	HY-W012479
CAS No.:	153-94-6
Molecular Formula:	C ₁₁ H ₁₂ N ₂ O ₂
Molecular Weight:	204.23
Target:	Endogenous Metabolite
Pathway:	Metabolic Enzyme/Protease
Storage:	4°C, protect from light, stored under nitrogen * In solvent : -80°C, 6 months; -20°C, 1 month (protect from light, stored under nitrogen)



SOLVENT & SOLUBILITY

In Vitro	0.1 M HCL : 25 mg/mL (122.41 mM; ultrasonic and warming and heat to 60°C)					
	DMSO : 3.33 mg/mL (16.31 mM; ultrasonic and warming and heat to 60°C)					
	Preparing Stock Solutions	Solvent Concentration	Mass	1 mg	5 mg	10 mg
		1 mM		4.8964 mL	24.4822 mL	48.9644 mL
		5 mM		0.9793 mL	4.8964 mL	9.7929 mL
		10 mM		0.4896 mL	2.4482 mL	4.8964 mL
Please refer to the solubility information to select the appropriate solvent.						
In Vivo	1. Add each solvent one by one: Saline Solubility: 5 mg/mL (24.48 mM); Clear solution; Need ultrasonic					
	2. Add each solvent one by one: 10% DMSO >> 40% PEG300 >> 5% Tween-80 >> 45% saline Solubility: ≥ 0.33 mg/mL (1.62 mM); Clear solution					
	3. Add each solvent one by one: 10% DMSO >> 90% (20% SBE-β-CD in saline) Solubility: ≥ 0.33 mg/mL (1.62 mM); Clear solution					
	4. Add each solvent one by one: 10% DMSO >> 90% corn oil Solubility: ≥ 0.33 mg/mL (1.62 mM); Clear solution					

BIOLOGICAL ACTIVITY

Description	H-D-Trp-OH is a D-stereoisomer of tryptophan and occasionally found in naturally produced peptides such as the marine venom peptide.	
IC ₅₀ & Target	Microbial Metabolite	Human Endogenous Metabolite

Caution: Product has not been fully validated for medical applications. For research use only.

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