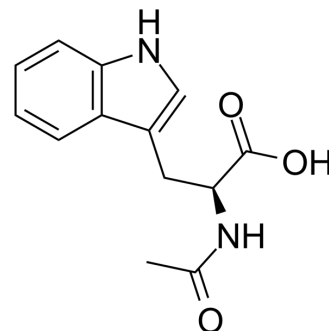


N-Acetyl-L-tryptophan

Cat. No.:	HY-W011978		
CAS No.:	1218-34-4		
Molecular Formula:	C ₁₃ H ₁₄ N ₂ O ₃		
Molecular Weight:	246.26		
Target:	Endogenous Metabolite		
Pathway:	Metabolic Enzyme/Protease		
Storage:	Powder	-20°C	3 years
		4°C	2 years
	In solvent	-80°C	6 months
		-20°C	1 month



SOLVENT & SOLUBILITY

In Vitro	DMSO : 100 mg/mL (406.07 mM; Need ultrasonic)			
		Solvent Concentration	Mass	
			1 mg	5 mg
	Preparing Stock Solutions		10 mg	
	1 mM	4.0607 mL	20.3037 mL	40.6075 mL
	5 mM	0.8121 mL	4.0607 mL	8.1215 mL
	10 mM	0.4061 mL	2.0304 mL	4.0607 mL
Please refer to the solubility information to select the appropriate solvent.				
In Vivo	<ol style="list-style-type: none"> Add each solvent one by one: 10% DMSO >> 40% PEG300 >> 5% Tween-80 >> 45% saline Solubility: ≥ 2.5 mg/mL (10.15 mM); Clear solution Add each solvent one by one: 10% DMSO >> 90% (20% SBE-β-CD in saline) Solubility: ≥ 2.5 mg/mL (10.15 mM); Clear solution Add each solvent one by one: 10% DMSO >> 90% corn oil Solubility: ≥ 2.5 mg/mL (10.15 mM); Clear solution 			

BIOLOGICAL ACTIVITY

Description	N-Acetyl-L-tryptophan is an endogenous metabolite.
IC₅₀ & Target	Human Endogenous Metabolite

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

Tel: 609-228-6898

Fax: 609-228-5909

E-mail: tech@MedChemExpress.com

Address: 1 Deer Park Dr, Suite Q, Monmouth Junction, NJ 08852, USA