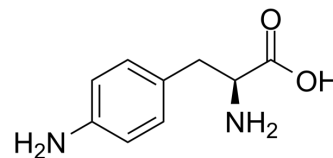


4-Amino-L-phenylalanine

Cat. No.:	HY-W016480		
CAS No.:	943-80-6		
Molecular Formula:	C ₉ H ₁₂ N ₂ O ₂		
Molecular Weight:	180		
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

H₂O : 3.33 mg/mL (18.50 mM; ultrasonic and warming and heat to 60°C)
 DMSO : < 1 mg/mL (ultrasonic;warming;heat to 60°C) (insoluble or slightly soluble)

Preparing Stock Solutions	Solvent		Mass		
	Concentration		1 mg	5 mg	10 mg
	1 mM		5.5556 mL	27.7778 mL	55.5556 mL
	5 mM		1.1111 mL	5.5556 mL	11.1111 mL
	10 mM		0.5556 mL	2.7778 mL	5.5556 mL

Please refer to the solubility information to select the appropriate solvent.

In Vivo

1. Add each solvent one by one: PBS
 Solubility: 10 mg/mL (55.56 mM); Clear solution; Need ultrasonic

BIOLOGICAL ACTIVITY

Description

4-Amino-L-phenylalanine is an endogenous metabolite.

IC₅₀ & Target

Human Endogenous Metabolite

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

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