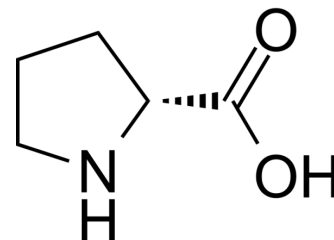


(R)-pyrrolidine-2-carboxylic acid

Cat. No.:	HY-75087		
CAS No.:	344-25-2		
Molecular Formula:	C ₅ H ₉ NO ₂		
Molecular Weight:	115		
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 : 25 mg/mL (217.39 mM; Need ultrasonic)
 DMSO : 2.78 mg/mL (24.17 mM; ultrasonic and warming and heat to 60°C)

Preparing Stock Solutions	Solvent		1 mg	5 mg	10 mg
	Concentration	Mass			
	1 mM		8.6957 mL	43.4783 mL	86.9565 mL
	5 mM		1.7391 mL	8.6957 mL	17.3913 mL
	10 mM		0.8696 mL	4.3478 mL	8.6957 mL

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

In Vivo

1. Add each solvent one by one: PBS
 Solubility: 12.5 mg/mL (108.70 mM); Clear solution; Need ultrasonic

BIOLOGICAL ACTIVITY

Description

(R)-pyrrolidine-2-carboxylic acid is an endogenous metabolite.

IC₅₀ & Target

Microbial Metabolite

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