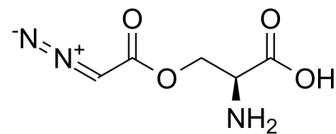


Azaserine

Cat. No.:	HY-B0919
CAS No.:	115-02-6
Molecular Formula:	C ₅ H ₇ N ₃ O ₄
Molecular Weight:	173.13
Target:	Bacterial; Antibiotic
Pathway:	Anti-infection
Storage:	-20°C, sealed storage, away from moisture * In solvent : -80°C, 6 months; -20°C, 1 month (sealed storage, away from moisture)



SOLVENT & SOLUBILITY

In Vitro

H₂O : 62.5 mg/mL (361.00 mM; Need ultrasonic)

Preparing Stock Solutions	Solvent Concentration	Mass		
		1 mg	5 mg	10 mg
	1 mM	5.7760 mL	28.8800 mL	57.7601 mL
	5 mM	1.1552 mL	5.7760 mL	11.5520 mL
	10 mM	0.5776 mL	2.8880 mL	5.7760 mL

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

BIOLOGICAL ACTIVITY

Description

Azaserine (CI-337) is a competitive inhibitor of glutamine amidotransferase, a key enzyme responsible for glutamine metabolism.

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