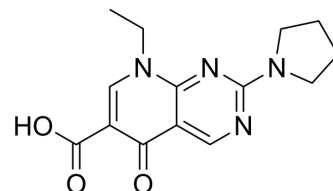


Piromidic acid

Cat. No.:	HY-B1043		
CAS No.:	19562-30-2		
Molecular Formula:	C ₁₄ H ₁₆ N ₄ O ₃		
Molecular Weight:	288.3		
Target:	Bacterial; Antibiotic		
Pathway:	Anti-infection		
Storage:	Powder	-20°C	3 years
		4°C	2 years
	In solvent	-80°C	2 years
		-20°C	1 year



SOLVENT & SOLUBILITY

In Vitro

DMSO : 1 mg/mL (3.47 mM; Need ultrasonic)

Concentration	Solvent	Mass		
		1 mg	5 mg	10 mg
Preparing Stock Solutions	1 mM	3.4686 mL	17.3430 mL	34.6861 mL
	5 mM	---	---	---
	10 mM	---	---	---

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

BIOLOGICAL ACTIVITY

Description

Piromidic acid is an antibacterial agent. Piromidic acid is active against gramnegative bacteria and staphylococci and can be used for the research of intestinal, urinary, and biliary tract infections^{[1][2]}.

REFERENCES

[1]. Sekine Y, et al. Metabolism in rats and man of piromidic acid, a new antibacterial agent. *Xenobiotica*. 1976 Mar;6(3):185-8.

[2]. Shimizu M, et, al. Pipemidic acid, a new antibacterial agent active against *Pseudomonas aeruginosa*: in vitro properties. *Antimicrob Agents Chemother*. 1975 Aug;8(2):132-8.

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