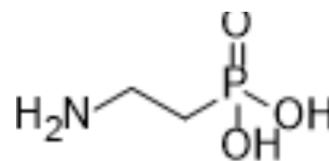


(2-Aminoethyl)phosphonic acid

Cat. No.:	HY-W006371		
CAS No.:	2041-14-7		
Molecular Formula:	C ₂ H ₈ NO ₃ P		
Molecular Weight:	125.06		
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 : 66.67 mg/mL (533.10 mM; Need ultrasonic)
 DMSO : < 1 mg/mL (ultrasonic;warming;heat to 60°C) (insoluble or slightly soluble)

Preparing Stock Solutions	Solvent Concentration	Mass		
		1 mg	5 mg	10 mg
	1 mM	7.9962 mL	39.9808 mL	79.9616 mL
	5 mM	1.5992 mL	7.9962 mL	15.9923 mL
	10 mM	0.7996 mL	3.9981 mL	7.9962 mL

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

In Vivo

1. Add each solvent one by one: PBS
 Solubility: 100 mg/mL (799.62 mM); Clear solution; Need ultrasonic

BIOLOGICAL ACTIVITY

Description

(2-Aminoethyl)phosphonic acid is an endogenous metabolite.

IC₅₀ & Target

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

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