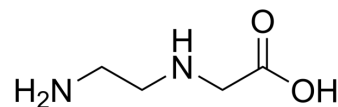


2-((2-Aminoethyl)amino)acetic acid

Cat. No.:	HY-W012883
CAS No.:	24123-14-6
Molecular Formula:	C ₄ H ₁₀ N ₂ O ₂
Molecular Weight:	118.14
Target:	Amino Acid Derivatives
Pathway:	Others
Storage:	4°C, protect from light * In solvent : -80°C, 6 months; -20°C, 1 month (protect from light)



SOLVENT & SOLUBILITY

In Vitro

H₂O : 100 mg/mL (846.45 mM; Need ultrasonic)

Preparing Stock Solutions	Solvent		Mass		
	Concentration		1 mg	5 mg	10 mg
	1 mM		8.4645 mL	42.3227 mL	84.6453 mL
	5 mM		1.6929 mL	8.4645 mL	16.9291 mL
	10 mM		0.8465 mL	4.2323 mL	8.4645 mL

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

BIOLOGICAL ACTIVITY

Description

2-((2-Aminoethyl)amino)acetic acid is a [Glycine](#) (HY-Y0966) derivative^[1].

In Vitro

Amino acids and amino acid derivatives have been commercially used as ergogenic supplements. They influence the secretion of anabolic hormones, supply of fuel during exercise, mental performance during stress related tasks and prevent exercise induced muscle damage. They are recognized to be beneficial as ergogenic dietary substances^[1].

MCE has not independently confirmed the accuracy of these methods. They are for reference only.

REFERENCES

[1]. Luckose F, et al. Effects of amino acid derivatives on physical, mental, and physiological activities. Crit Rev Food Sci Nutr. 2015;55(13):1793-1144.

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

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