2-amino-4-sulfobutanoic acid

Cat. No.: HY-W016342

CAS No.: 504-33-6

Molecular Formula: $C_4H_9NO_5S$

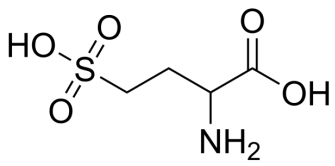
Molecular Weight: 183.18

Target: Amino Acid Derivatives

Pathway: Others

Storage:

Powder	-20°C	3 years
	4°C	2 years
In solvent	-80°C	6 months
	-20°C	1 month



SOLVENT & SOLUBILITY

In Vitro

DMSO : 100 mg/mL (545.91 mM; Need ultrasonic)

Preparing Stock Solutions	Solvent / Mass / Concentration	1 mg	5 mg	10 mg
	1 mM	5.4591 mL	27.2956 mL	54.5911 mL
	5 mM	1.0918 mL	5.4591 mL	10.9182 mL
	10 mM	0.5459 mL	2.7296 mL	5.4591 mL

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

BIOLOGICAL ACTIVITY

Description

2-amino-4-sulfobutanoic acid is an alanine 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):1793-1100.

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

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