(S)-2-Amino-3-(4-bromophenyl)propanoic acid

Cat. No.: HY-34597

CAS No.: 24250-84-8

Molecular Formula: $C_9H_{10}BrNO_2$

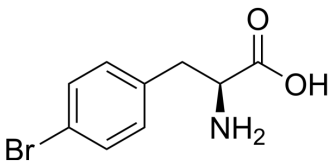
Molecular Weight: 244.09

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

0.1 M NaOH : 50 mg/mL (204.84 mM; ultrasonic and adjust pH to 11 with NaOH)

Preparing Stock Solutions	Mass / Solvent / Concentration	1 mg	5 mg	10 mg
	1 mM	4.0968 mL	20.4842 mL	40.9685 mL
	5 mM	0.8194 mL	4.0968 mL	8.1937 mL
	10 mM	0.4097 mL	2.0484 mL	4.0968 mL

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

BIOLOGICAL ACTIVITY

Description

(S)-2-Amino-3-(4-bromophenyl)propanoic acid is a phenylalanine 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):1793-807.

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

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