(S)-2-Amino-2-(4-fluorophenyl)acetic acid

Cat. No.: HY-W002519

CAS No.: 19883-57-9

Molecular Formula: $C_8H_8FNO_2$

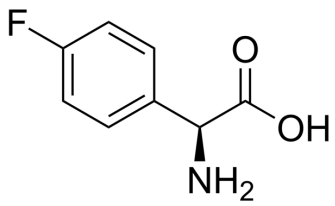
Molecular Weight: 169.15

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

H_2O : 1.96 mg/mL (11.59 mM; ultrasonic and warming and adjust pH to 3 with HCl and heat to 60°C)

Preparing Stock Solutions	Solvent / Mass / Concentration	1 mg	5 mg	10 mg
	1 mM	5.9119 mL	29.5596 mL	59.1191 mL
	5 mM	1.1824 mL	5.9119 mL	11.8238 mL
	10 mM	0.5912 mL	2.9560 mL	5.9119 mL

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

BIOLOGICAL ACTIVITY

Description

(S)-2-Amino-2-(4-fluorophenyl)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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