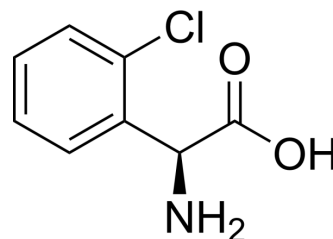


(S)-2-Amino-2-(2-chlorophenyl)acetic acid

Cat. No.:	HY-W050023
CAS No.:	141315-50-6
Molecular Formula:	C ₈ H ₈ ClNO ₂
Molecular Weight:	185.61
Target:	Amino Acid Derivatives
Pathway:	Others
Storage:	<div>Powder</div> <div>-20°C 3 years</div> <div>4°C 2 years</div> <div>In solvent</div> <div>-80°C 6 months</div> <div>-20°C 1 month</div>



SOLVENT & SOLUBILITY

In Vitro

H₂O : 33.33 mg/mL (179.57 mM; Need ultrasonic)

	Solvent Concentration	Mass	1 mg	5 mg	10 mg
Preparing Stock Solutions	1 mM		5.3876 mL	26.9382 mL	53.8764 mL
	5 mM		1.0775 mL	5.3876 mL	10.7753 mL
	10 mM		0.5388 mL	2.6938 mL	5.3876 mL

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

BIOLOGICAL ACTIVITY

Description

(S)-2-Amino-2-(2-chlorophenyl)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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