

(R)-3-Amino-4-hydroxybutanoic acid

Chemical Properties

CAS No. : 16504-56-6

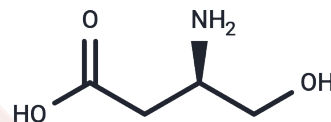
Formula: C₄H₉NO₃

Molecular Weight: 119.12

Keep away from moisture

Storage: Powder: -20°C for 3 years | In solvent: -80°C for 1 year

Actual storage temperature shall be subject to the COA.



Biological Description

Description	(R)-3-Amino-4-hydroxybutanoic acid (L-beta-Homoserine), a serine derivative, is a full agonist at the human recombinant rho1 GABAC receptor and a modulator of GABAA and GABAB receptors.
Targets(IC50)	Amino Acids and Derivatives,GABA Receptor

Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	8.3949 mL	41.9745 mL	83.949 mL
5 mM	1.679 mL	8.3949 mL	16.7898 mL
10 mM	0.8395 mL	4.1974 mL	8.3949 mL
50 mM	0.1679 mL	0.8395 mL	1.679 mL

Please select the appropriate solvent to prepare the stock solution, according to the solubility of the product in different solvents. Please use it as soon as possible.

Note: The dilution table applies only to solid products. For liquid products, please calculate the stock solution based on the stated concentration and/or density.

Reference

Luckose F, Pandey MC, Radhakrishna K. Effects of amino acid derivatives on physical, mental, and physiological activities. Crit Rev Food Sci Nutr. 2015;55(13):1793-807.

Inhibitor · Natural Compounds · Compound Libraries · Recombinant Proteins

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