

Gamibetal

Chemical Properties

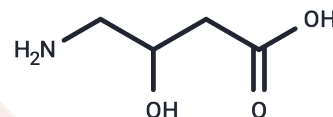
CAS No. : 924-49-2

Formula: C₄H₉NO₃

Molecular Weight: 119.12

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	Gamibetal (4-Amino-3-hydroxybutyric Acid) is used as a chiral reagent in the synthesis of antiepileptic and hypotensive drug GABOB and analogues. Also used in the preparation of HIV-1 inhibitors derived from Betulinic Acid (B330250).
Targets(IC50)	HIV Protease,Endogenous Metabolite

Solubility Information

Solubility	DMSO: Slightly soluble, (< 1 mg/ml refers to the product slightly soluble or insoluble)
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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

Candela M, et al. J Chromatogr A. 2000 Aug 25;890(2):273-80.

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