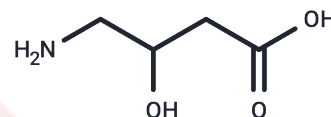


## Gamibetal

### Chemical Properties

|                   |  |
|-------------------|--|
| CAS No. :         | 924-49-2   |
| Formula:          | C <sub>4</sub> H <sub>9</sub> NO <sub>3</sub>            |
| Molecular Weight: | 119.12   |
| Appearance:       | no data available  |
| Storage:          | Powder: -20°C for 3 years   In solvent: -80°C for 1 year |



### 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  |

### Solubility Information

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

### 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.

### Reference

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

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