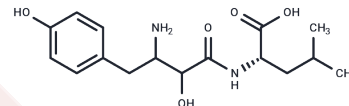


## 4-Hydroxybestatin

## Chemical Properties

CAS No. :	66413-44-3
Formula:	C <sub>16</sub> H <sub>24</sub> N <sub>2</sub> O <sub>5</sub>
Molecular Weight:	324.37
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	4-Hydroxybestatin is a major active metabolite of bestatin.
Targets(IC50)	Others

## Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	3.0829 mL	15.4145 mL	30.829 mL
5 mM	0.6166 mL	3.0829 mL	6.1658 mL
10 mM	0.3083 mL	1.5414 mL	3.0829 mL
50 mM	0.0617 mL	0.3083 mL	0.6166 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

- Ishida J, Kai M, Ohkura Y. Determination of p-hydroxybestatin in human serum by high-performance liquid chromatography using fluorescence detection. J Chromatogr. 1985 Nov 8;344:267-74. PubMed PMID: 4086547.
- Koyama M, Hashimoto M, Asakawa N, Ishibashi M, Miyazaki H. Simultaneous determination of bestatin and p-hydroxybestatin, a major metabolite, in human serum by gas chromatography mass spectrometry. Utilization of quantitative selected ion monitoring and deuterium labelled internal standard. Biomed Mass Spectrom. 1980 Sep; 7(9):372-6. PubMed PMID: 7470590.

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