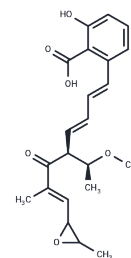


## Gibbestatin B

## Chemical Properties

CAS No. :	89687-34-3
Formula:	C <sub>22</sub> H <sub>26</sub> O <sub>6</sub>
Molecular Weight:	386.438
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	Gibbestatin B inhibits the expression of gibberellin-induced $\alpha$ -amylase in de-embryonated rice and barley, with an IC <sub>50</sub> of 25-50 ppm. It does not exhibit antibacterial, anti-yeast, or antifungal activity at a concentration of 100 ppm.
Targets(IC <sub>50</sub> )	Antibiotic, Amylase

## Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	2.5877 mL	12.9386 mL	25.8772 mL
5 mM	0.5175 mL	2.5877 mL	5.1754 mL
10 mM	0.2588 mL	1.2939 mL	2.5877 mL
50 mM	0.0518 mL	0.2588 mL	0.5175 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.

Inhibitor · Natural Compounds · Compound Libraries · Recombinant Proteins

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