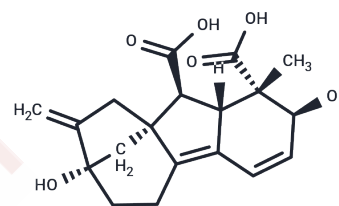


Gibberellenic acid

Chemical Properties

CAS No. :	546-09-8
Formula:	C ₁₉ H ₂₂ O ₆
Molecular Weight:	346.374
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	Gibberellenic acid is a gibberellin-type intermediate compound featuring a tetracyclic diterpenoid structure. It is produced from the thermal decomposition of Gibberellic acid (GA3) in aqueous solution. This compound is thermally unstable in water, leading to further conversion into allogibberic acid (approximately 80%) and 9-epiallogibberic acid (approximately 10%). Gibberellenic acid holds significant research value in the study of gibberellin degradation pathways and structural analysis.
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Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	2.8871 mL	14.4354 mL	28.8709 mL
5 mM	0.5774 mL	2.8871 mL	5.7742 mL
10 mM	0.2887 mL	1.4435 mL	2.8871 mL
50 mM	0.0577 mL	0.2887 mL	0.5774 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.

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