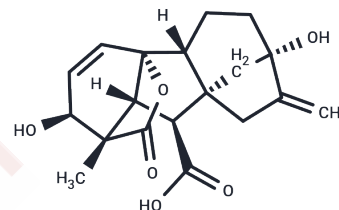


Gibberellic acid

Chemical Properties

CAS No. : 77-06-5
 Formula: C₁₉H₂₂O₆
 Molecular Weight: 346.37
 Appearance: no data available
 Storage: Powder: -20°C for 3 years | In solvent: -80°C for 1 year



Biological Description

| | |
|---------------|--|
| Description | Gibberellic acid (GA3) is a hormone found in plants and fungi. |
| Targets(IC50) | Others |

Solubility Information

| | |
|------------|---|
| Solubility | DMSO: 55 mg/mL (158.79 mM), Sonication is recommended. (< 1 mg/ml refers to the product slightly soluble or insoluble) |
|------------|---|

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.

Reference

Premalatha R, et al. Andrologia. 2014 Oct;46(8):902-9.

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Tel: 781-999-4286 E_mail: info@targetmol.com Address: 36 Washington Street, Wellesley Hills, MA 02481