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Gibberellic Acid Solution

赤霉素溶液 1mg/ml

● 产品包装:

产品编号	产品名称	产品包装	说明书
RT0120S-01	赤霉素溶液(1mg/ml)	1ml	1份
RT0120S-02	赤霉素溶液(1mg/ml)	5×1ml	1份

Synonym: GA₃; Gibberellin A₃

CAS: 77-06-5

Formula: C₁₉H₂₂O₆

MW: 346.41

● Storage: -20°C

Stock solutions may be stored at -20°C for up to 12 months

● Specifications:

Appearance: Colorless to Light Yellow, Clear

Sterilization: filtration by 0.22µm membrane

Typical Working Concentration: 0.01-5 mg/L

Other Notes: Plant Tissue Culture Tested

● Introduction:

Gibberellins are known to promote shoot elongation and break certain dormancies in seeds. They also can induce flowering in some plant species.¹ It has been reported that low concentrations of GAs (0.01-5.0 mg/L) have been shown to promote shoot development in tobacco callus, while higher concentrations (5.0 mg/L to 10 mg/L) inhibit shoot production.²

● Reference:

1. Harada H. and J. P. Nitsch (1959) Flower Induction in Japanese Chrysanthemums with Gibberellic Acid. *Science*, New Series 129;335, pp. 777-778.
2. Murashige, T (1961) Suppression of Shoot Formation in Cultured Tobacco Cells by Gibberellic Acid. *Science*, New Series, 134:3474, pp. 280.

