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2,4-Epibrassinolide Solution

2,4-表油菜素内酯溶液 1mg/ml

● 产品包装:

产品编号	产品名称	产品包装	说明书
RT1020S	2,4-表油菜素内酯溶液(1mg/ml)	5×1ml	1份

22R,23R,24R-2 α ,3 α ,22,23-Tetrahydroxy-B-homo-7-oxa-5 α -ergostan-6-one

C₂₈H₄₈O₆ MW: 480.68 CAS: 78821-43-9

● Storage: -20℃ 有效期 6 个月。

● Specifications:

Soluble.....1 mg/ml (2mM) in Ethanol

Appearance.....colorless clear solution

● Introduction:

Some years ago, organic extracts of *Brassica napus* pollen were found to promote stem elongation and cell division in plants. The active components were identified as steroids and have therefore been named brassinosteroids. It is now recognized more and more that brassinosteroids are genuine plant hormones. In the nM to μ M range, 2,4-epibrassinolide has been found to promote cell division of protoplasts and to cause hypocotyls elongation, but also to inhibit root extension. Evidence is mounting that it plays a role in vascular differentiation. Much research has been done on the ameliorative effect of brassinosteroids during stress.

● Reference:

Clouse S D and Sasse J M. Brassinosteroids: essential regulators fo plant growth and development. *Annu. Rev. Plant Physiol. Plant Mol. Biol.* 49:427-451 1998

注: 本制品仅供科研用。请勿用于人体及动物的医疗、临床诊断或作为食品、化妆品、家庭用品的添加剂等用途。

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