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trans-Zeatin Riboside Solution

反式玉米素核苷溶液 1mg/ml

● 产品包装:

产品编号	产品名称	产品包装	说明书
RT3541S	反式玉米素核苷溶液(1mg/ml)	5×1ml	1份

CAS: 6025-53-2

Formula: C₁₅H₂₁N₅O₅

MW: 351.36

● Storage: -20°C

Stock solutions may be stored at -20°C for up to 6 months

● Specifications:

Appearance: Colorless, Clear Liquid

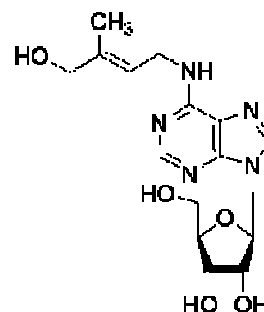
Sterilization: Filtration

Typical Working Concentration: 0.01-5 mg/L

Other Notes: Plant Tissue Culture Tested

● Introduction:

TZR was used for plant regeneration from tomato, *Brassica nigra* and *Vigna sublobata* protoplasts^[1]. It has been efficiently used for direct and efficient regeneration from leaf explants of potato. From all cytokines tested, TZR produced the maximum number of shoots per explants^[2]. Somatic embryogenesis of tomato calli was induced on medium supplemented with TZR^[3]. TZR was effectively used for direct initiation of shoot cultures from axils of bracts from *Aloe*, *Gasteria*, and *Haworthia* species^[4].



● Reference

- 1 Bhadra SK et al. A reproducible procedure for plant regeneration from seedling hypocotyl protoplasts of *Vigna sublobata* L. *Plant Cell Reports*, 14, Numbers 2-3,175-179, 1994
- 2 Yadav NR and Sticklen MB. Direct and efficient plant regeneration from leaf explants of *Solanum tuberosum* l. cv. *Plant Cell Reports*, 14, Number 10,645-647,1995
- 3 Chen LZ. Plant regeneration via somatic embryogenesis from cotyledon protoplasts of tomato (*Lycopersicon esculentum* Mill.) *Breeding Sci.* 44(3):257-262,1994
- 4 Richwine AM et al. Establishment of *Aloe*, *Gasteria*, and *Haworthia* shoot cultures from inflorescence explants. *HortScience*, 30(7): 1443 – 1444,1995