

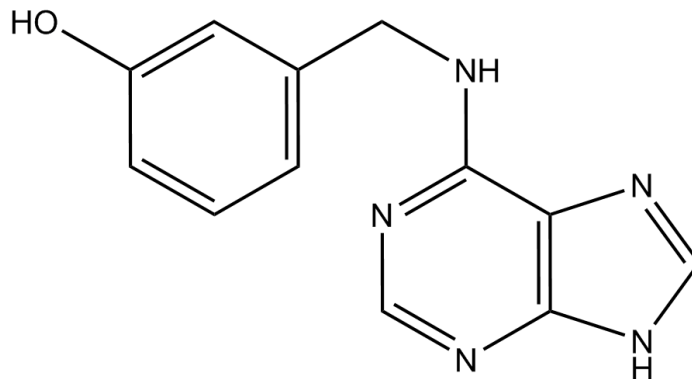
Product Information Sheet

T7885
meta-Topolin Solution
1 mg/mL

Synonyms: 6-(3-Hydroxybenzylamino)purine
CAS: 75737-38-1
Formula: C₁₂H₁₁N₅O
Mol. Weight: 241.25

Properties

Form: Liquid
Appearance: Colorless, Clear Liquid
Application: Plant Growth Regulator; Cytokinin
Solubility: Miscible with Water
Storage Temp: -20°C
Typical: Varies by application.
Working Concentration: Concentration should be determined by end user.
Other Notes: Plant Tissue Culture Tested;
For Research Use Only



Application Notes

meta-Topolin is an aromatic adenine-based cytokinin that was first isolated from poplar leaves (Horgan *et al.* 1975). In *Spathiphyllum*, *meta*-Topolin was found not to be as inhibitory to rooting during multiplication as BA is (Werbrouck *et al.* 1996).

PhytoTechnology Laboratories® also carries *meta*-Topolin powder, Product No. T841.

While PhytoTechnology Laboratories™ tests each lot of this product with two or more plant cell/ tissue culture lines, it is the sole responsibility of the purchaser to determine the appropriateness of this product for the specific plants that are being cultured and applications that are being used.

References

Horgan, R., Hewett, E.W., Horgan, J.M., Purse, J. and P.F. Wareing (1975) *Phytochemistry* 14:1005-1008.

Werbrouck, Stefaan P.O., Miroslav Strnad, Henry A. Van Onckelen, and Pierre C. Debergh. (1996) *Physiologia Plantarum*. 98:291-297.

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