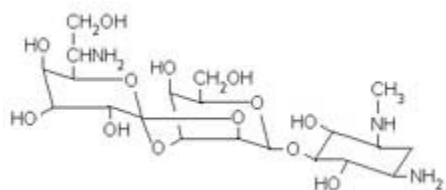




Product Information Sheet

H370

**Hygromycin B,
50 mg/mL in PBS Buffer**



Synonym: O-6-Amino-6-deoxy-L-glycero-D-galacto-heptopyranosylidene-(1→2-3)-O-β-D-talopyranosyl-(1→5)-2-deoxy-N³-methyl-D-Streptamine

CAS: 31282-04-9

Formula: C₂₀H₃₇N₃O₁₃

Molecular Wt: 527.5

Properties

Form: Liquid

Appearance: Colorless to Light Yellow, Clear Liquid

Application: Plant Tissue Culture Antibiotic

Solubility: Miscible with Water

Typical Working

Concentration: 20-200 µg/mL for plant cells

200-1000 µg/mL for fungi

The optimum concentration for each specific application should be determined experimentally

Storage Temp: 2 to 6° C

Storage Temp of

Stock Solution: N/A

Other Notes: From *Streptomyces hygrosopicus*

Average Activity: 1000 units/mg

Application Notes

Please Note: 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

Merck 13, 4878

Revised 4/2009

PhytoTechnology Laboratories®

P.O. Box 12205 • Shawnee Mission, KS • 66282-2205

Phone: 1-913-341-5343 or 1-888-749-8682 (U.S. Only) Fax: 1-913-341-5442 or 1-888-449-8682 (U.S. Only)

Web Site: www.phytotechlab.com

© 2009 PhytoTechnology Laboratories, LLC™