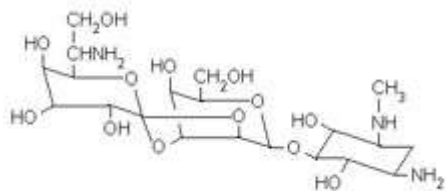


Product Information Sheet

H385

**Hygromycin B,
100 mg/mL in DI Water**



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, Clear Liquid

Application: Plant Tissue Culture Selection Agent

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; DO NOT FREEZE

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 3/2014

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

© 2014 PhytoTechnology Laboratories®