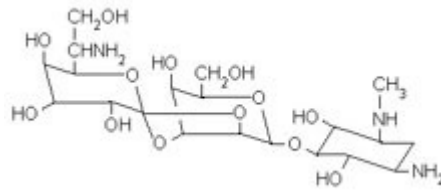


**Hygromycin B**  
100 mg/mL in Distilled Water



Synonym: O-6-Amino-6-deoxy-L-glycero-D-galacto-heptopyranosylidene-(1 $\rightarrow$ 2 $\rightarrow$ 3)-O- $\beta$ -D-talopyranosyl-(1 $\rightarrow$ 5)-2-deoxy-N<sup>3</sup>-methyl-D-Streptamine  
CAS: 31282-04-9  
Formula: C<sub>20</sub>H<sub>37</sub>N<sub>3</sub>O<sub>13</sub>  
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:  
Storage Temp: 2 to 6° C  
Storage Temp of Stock Solution:  
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 3/2007

Gentaaur