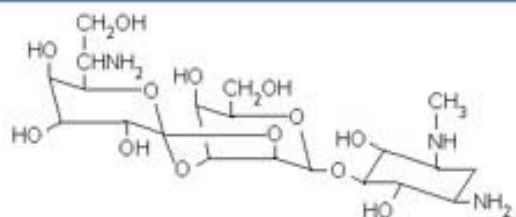


H397



## Hygromycin B

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

Appearance: White to Yellow Powder

Application: Plant Tissue Culture Selection Agent

Solubility: Water, Buffer, or Other Aqueous Solution as Required

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: 2 to 6° C

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