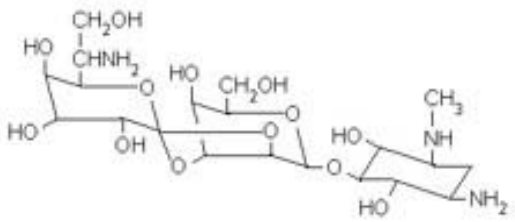
Product Information Sheet



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^3-methyl-D-Streptamine
CAS:	31282-04-9
Formula:	$C_{20}H_{37}N_3O_{13}$
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 hygroscopicus* 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

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