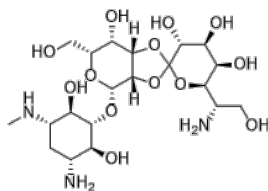


Product Name : Hygromycin B
Cat. No. : PC-24308
CAS No. : 31282-04-9
Batch No. : PC-2430801
Chemical Name : (3aS,3'R,4S,4'S,5'R,6R,6'R,7S,7aS)-4-(((1R,2S,3R,5S,6R)-3-Amino-2,6-dihydroxy-5-(methylamino)cyclohexyl)oxy)-6'-((S)-1-amino-2-hydroxyethyl)-6-(hydroxymethyl)octahydro-3aH-spiro[[1,3]dioxolo[4,5-c]pyran-2,2'-pyran]-3',4',5',7-tetraol

PHYSICAL AND CHEMICAL PROPERTIES

Molecular Weight : 527.52
Molecular Formula : C₂₀H₃₇N₃O₁₃
Storage : Powder -20°C 12 Months
 4°C 6 Months
 In solvent -80°C 6 Months
 -20°C 6 Months

Chemical Structure :



ANALYTICAL DATA

Appearance : Solid powder
¹H NMR Spectrum : Consistent with
HPLC : Consistent with
NP : Consistent with
Purity (HPLC and/or LCMS) : >98%
Conclusion : The product has been tested and complies with the given specifications.

Caution: Product has not been fully validated for medical applications. Lab Use Only!

E-mail: tech@probechem.com