



# SZABO SCANDIC

Part of Europa Biosite

## Produktinformation



Forschungsprodukte & Biochemikalien



Zellkultur & Verbrauchsmaterial



Diagnostik & molekulare Diagnostik



Laborgeräte & Service

Weitere Information auf den folgenden Seiten!  
See the following pages for more information!



### Lieferung & Zahlungsart

siehe unsere [Liefer- und Versandbedingungen](#)

### Zuschläge

- Mindermengenzuschlag
- Trockeneiszuschlag
- Gefahrgutzuschlag
- Expressversand

### SZABO-SCANDIC HandelsgmbH

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## 50mg/mL Hygromycin B Solution

Cat. No: PB180126  
Size: 10mL

### General Information

HEPES	Negative
Storage	2-8°C, Shading light
Shipping	RT
Expiration date	12 months

### Background

Hygromycin B ( Hygromycin B ) is an aminoglycoside antibiotic commonly used as a resistance screening reagent. It can inhibit protein synthesis by interfering with 70S ribosome translocation and inducing misreading of mRNA templates, thereby killing bacteria, fungi and advanced eukaryotic cells. The hygromycin B phosphotransferase encoded by the hygromycin resistance gene (hyg or hph) derived from E.coli can convert hygromycin B into a phosphorylated product without biological activity, thereby playing a detoxification role. Therefore, hygromycin B is often used to screen and maintain prokaryotic or eukaryotic cells that have successfully transfected hygromycin resistance genes. Hygromycin B is also often used in combination with G418, Zeocin or Blasticidin S for selection of double-resistant positive cell lines due to differences in mode of action. In addition, hygromycin B can also be used as an antiviral agent or mixed into animal feed to play an insect repellent function.

### Notes