

★ Storage

Store at 2-8°C.

✎ Contents

- Product Manual
- Ampicillin, Sodium Salt

ALL PRODUCTS SOLD BY GenDEPOT ARE INTENDED FOR RESEARCH USE ONLY UNLESS OTHERWISE INDICATED. THIS PRODUCT IS NOT INTENDED FOR DIAGNOSTIC OR DRUG PURPOSE

★ Shipping Condition

Ship on ambient

★ Introduction

Inhibitor of bacterial cell wall synthesis resulting in lysis or deformation of the bacterium. Inhibits crosslinking of peptidoglycan by binding and inactivating transpeptidases. Highly active against gram negative bacteria. B-Lactamase sensitive. Plant cell culture tested. Widely used as a selective agent for transformation of plasmid encoding for b-Lactamase production such as pBR322 or pUC (Ampr).

★ Chemical Properties

Biological/Physiological Actions: Inhibitor of bacterial cell wall synthesis

Application: Selective agent

CAS Number: 69-52-3

Chemical Formula: $C_{16}H_{18}N_3O_4SNa$

Molecular Weight: 371.4

Alternate Name: N/A

Purity: $\geq 99\%$

Form: Powder

Solubility: Water soluble

★ Related Products

Product Name	Cat No
Albumin, (IgG, Fatty Acid and Protease Free)	A0100
AffiSelect Cox IV Loading Control Antibody	A0017
AffiSelect GAPDH Loading Control Antibody, 100ug	A0039
AffiSelect Beta-Actin Loading Control Antibody, 100ug	A0042
AffiSelect a-Tubulin Loading Control Antibody, 100ug	A0050
NP-40 Lysis Buffer (2X)	N1200
Affiselect Total Protein Extraction Solution	A0710
RIPA Cell Lysis Buffer (1X) with EDTA	R4100
Xert Protease Inhibitor Cocktail Solution (100X)	P3100
Xpert Prestained Protein Marker (6.5-240 kDa)	P8502
Xpert 2 Prestained Protein Marker (10-240 kDa)	P8503
TBS Buffer, 20X, pH 7.4	T8054
West-Ez Stripping buffer	S2100
Goat anti-Rabbit IgG(H+L)-HRP, 1mg/ml	SA002
Rabbit anti-Goat IgG(H+L)-HRP, 1mg/ml	SA007
Tween 20, Molecular Biology Grade	T9100
West-Q Pico Dura ECL Solution	W3653
West-Q Femto ECL Solution	W3700
West-Ez Blocker, 5% Non-Fat Kit	W3710