

aminoglycoside 6'-N-acetyltransferase

Cat. No. EXWM-2263

Lot. No. (See product label)

Introduction

Description

The antibiotics kanamycin A, kanamycin B, neomycin, gentamicin C1a, gentamicin C2 and sisomicin are substrates. The antibiotic tobramycin, but not paromomycin, can also act as acceptor. The 6-amino group of the purpurosamine ring is acetylated.

Synonyms

aminoglycoside N6'-acetyltransferase; aminoglycoside-6'-acetyltransferase; aminoglycoside-6-N-acetyltransferase; kanamycin acetyltransferase

Product Information

Form

Liquid or lyophilized powder

EC Number

EC 2.3.1.82

CAS No.

56467-65-3

Reaction

acetyl-CoA + kanamycin-B = CoA + N6'-acetylkanamycin-B

Notes

This item requires custom production and lead time is between 5-9 weeks. We can custom produce according to your specifications.

Storage and Shipping Information

Storage

Store it at +4 °C for short term. For long term storage, store it at -20 °C~-80 °C.