

aminoglycoside 3-N-acetyltransferase

Cat. No. EXWM-2262

Lot. No. (See product label)

Introduction

Description

Different from EC 2.3.1.60 gentamicin 3-N-acetyltransferase. A wide range of antibiotics containing the 2-deoxystreptamine ring can act as acceptors, including gentamicin, kanamycin, tobramycin, neomycin and apramycin.

Synonyms

3-aminoglycoside acetyltransferase; 3-N-aminoglycoside acetyltransferase; aminoglycoside N3-acetyltransferase; acetyl-CoA:2-deoxystreptamine-antibiotic N3'-acetyltransferase (incorrect); aminoglycoside N3'-acetyltransferase (incorrect)

Product Information

Form

Liquid or lyophilized powder

EC Number

EC 2.3.1.81

CAS No.

60120-42-5

Reaction

acetyl-CoA + a 2-deoxystreptamine antibiotic = CoA + N3-acetyl-2-deoxystreptamine antibiotic

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.