Creative Enzymes®

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 ℃ for short term. For long term storage, store it at -20 ℃~-80 ℃.