

gentamicin 2''-nucleotidyltransferase

Cat. No. EXWM-3258

Lot. No. (See product label)

Introduction

Description

ATP, dATP, CTP, ITP and GTP can act as donors; kanamycin, tobramycin and sisomicin can also act as acceptors. The nucleotidyl residue is transferred to the 2-hydroxy of the 3-amino-3-deoxy-D-glucose moiety in the antibiotic.

Synonyms

gentamicin 2''-adenylyltransferase; aminoglycoside adenylyltransferase; gentamycin 2''-nucleotidyltransferase

Product Information

Form

Liquid or lyophilized powder

EC Number

EC 2.7.7.46

CAS No.

62213-33-6

Reaction

nucleoside triphosphate + gentamicin = diphosphate + 2''-nucleotidylgentamicin

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.