Creative Enzymes®

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