Creative Enzymes®

neamine phosphoribosyltransferase

Cat. No. EXWM-2678

Lot. No. (See product label)

Introduction

Description	Involved in the biosynthetic pathways of several clinically important aminocyclitol antibiotics, including ribostamycin, neomycin and butirosin. The enzyme requires a divalent metal ion, optimally Mg2+, Ni2+ or Co2+.
Synonyms	btrL (gene name); neoM (gene name)

Product Information

Form	Liquid or lyophilized powder
EC Number	EC 2.4.2.49
Reaction	neamine + 5-phospho-α-D-ribose 1-diphosphate = 5''-phosphoribostamycin + diphosphate
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 ℃.