Creative Enzymes®

L-glutamine:2-deoxy-scyllo-inosose aminotransferase

Cat. No. EXWM-2840

Lot. No. (See product label)

Introduction

Description	Involved in the biosynthetic pathways of several clinically important aminocyclitol antibiotics, including kanamycin, butirosin, neomycin and ribostamycin. Also catalyses EC 2.6.1.101, L-glutamine:5-amino-2,3,4-trihydroxycyclohexanone aminotransferase.
Synonyms	btrR (gene name); neoB (gene name); kanB (gene name)

Product Information

Form	Liquid or lyophilized powder
EC Number	EC 2.6.1.100
Reaction	L-glutamine + 2-deoxy-scyllo-inosose = 2-oxoglutaramate + 2-deoxy-scyllo-inosamine
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 ℃.