

## L-glutamine:2-deoxy-scylo-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-scylo-inosose = 2-oxoglutaramate + 2-deoxy-scylo-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 °C for short term. For long term storage, store it at -20 °C~-80 °C.