

γ -L-glutamyl-butirosin B γ -glutamyl cyclotransferase

Cat. No. EXWM-5301

Lot. No. (See product label)

Introduction

Description The enzyme catalyses the last step in the biosynthesis of the aminoglycoside antibiotic butirosin B. The enzyme acts as a cyclotransferase, cleaving the amide bond via transamidation using the α -amine of the terminal γ -L-glutamate of the side chain, releasing it as the cyclic 5-oxoproline.

Synonyms btrG (gene name)

Product Information

Form Liquid or lyophilized powder

EC Number EC 4.3.2.6

Reaction γ -L-glutamyl-butirosin B = butirosin B + 5-oxoproline

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.