

dTDP-4-dehydro-6-deoxy-D-glucose 3-epimerase

Cat. No. EXWM-5413

Lot. No. (See product label)

Introduction

Description

The enzyme is involved in the biosynthetic pathway of dTDP-6-deoxy- α -D-allose, which is converted to mycinose after attachment to the aglycones of several macrolide antibiotics, including tylosin, chalcomycin, dihydrochalcomycin, and mycinamicin II.

Synonyms

dTDP-deoxyglucose 3-epimerase; dTDP-4-keto-6-deoxy-D-glucose 3-epimerase; dTDP-4-keto-6-deoxyglucose 3-epimerase; gerF (gene name); tylJ (gene name); chmJ (gene name); mydH (gene name)

Product Information

Form

Liquid or lyophilized powder

EC Number

EC 5.1.3.27

Reaction

dTDP-4-dehydro-6-deoxy- α -D-glucose = dTDP-4-dehydro-6-deoxy- α -D-gulose

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.