

dTDP-4-dehydro-6-deoxy- α -D-gulose 4-ketoreductase

Cat. No. EXWM-0281

Lot. No. (See product label)

Introduction

Description The enzyme forms an activated 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-4-dehydro-6-deoxygulose reductase; tylD (gene name); gerKI (gene name); chmD (gene name); mydI (gene name)

Product Information

Form Liquid or lyophilized powder

EC Number EC 1.1.1.364

Reaction dTDP-6-deoxy- α -D-allose + NAD(P)⁺ = dTDP-4-dehydro-6-deoxy- α -D-gulose + NAD(P)H + H⁺

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.