Creative Enzymes®

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 ℃ for short term. For long term storage, store it at -20 ℃~-80 ℃.