

10-deoxymethynolide desosaminyltransferase

Cat. No. EXWM-2509

Lot. No. (See product label)

Introduction

Description

DesVII is the glycosyltransferase responsible for the attachment of dTDP-D-desosamine to 10-deoxymethynolide or narbonolide during the biosynthesis of methymycin, neomethymycin, narbomycin, and pikromycin in the bacterium *Streptomyces venezuelae*. Activity requires an additional protein partner, DesVIII.

Synonyms

glycosyltransferase DesVII; DesVII

Product Information

Form

Liquid or lyophilized powder

EC Number

EC 2.4.1.277

Reaction

dTDP-3-dimethylamino-3,4,6-trideoxy- α -D-glucopyranose + 10-deoxymethynolide
= dTDP + 10-deoxymethymycin

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.