

## 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**  $dTDP-3-dimethylamino-3,4,6-trideoxy-<math>\alpha$ -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

Store it at +4 °C for short term. For long term storage, store it at -20 °C∼-80 °C.

**Tel:** 1-631-562-8517 1-516-512-3133 **Email:** info@creative-enzymes.com

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