Creative Enzymes®

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