

dTDP-3-amino-3,4,6-trideoxy- α -D-glucopyranose N,N-dimethyltransferase

Cat. No. EXWM-1837

Lot. No. (See product label)

Introduction

Description

The enzyme is involved in the biosynthesis of desosamine, a 3-(dimethylamino)-3,4,6-trideoxyhexose found in certain macrolide antibiotics such as erythromycin, azithromycin, and clarithromycin.

Synonyms

DesVI

Product Information

Form

Liquid or lyophilized powder

EC Number

EC 2.1.1.234

Reaction

2 S-adenosyl-L-methionine + dTDP-3-amino-3,4,6-trideoxy- α -D-glucopyranose = 2 S-adenosyl-L-homocysteine + dTDP-3-dimethylamino-3,4,6-trideoxy- α -D-glucopyranose

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.