

dTDP-3-amino-3,6-dideoxy- α -D-glucofuranose N,N-dimethyltransferase

Cat. No. EXWM-1838

Lot. No. (See product label)

Introduction

Description

The enzyme is involved in the biosynthesis of mycaminose, an essential structural component of the macrolide antibiotic tylosin, which is produced by the bacterium *Streptomyces fradiae*.

Synonyms

TyIM1

Product Information

Form

Liquid or lyophilized powder

EC Number

EC 2.1.1.235

Reaction

2 S-adenosyl-L-methionine + dTDP-3-amino-3,6-dideoxy- α -D-glucofuranose = 2 S-adenosyl-L-homocysteine + dTDP-3-dimethylamino-3,6-dideoxy- α -D-glucofuranose

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.