Creative Enzymes®

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