Creative Enzymes®

dTDP-3,4-didehydro-2,6-dideoxy-α-D-glucose 3-reductase

Cat. No. EXWM-0303

Lot. No. (See product label)

Introduction

Description	The enzyme is involved in the biosynthesis of several deoxysugars, including L-digitoxose, L- and D-olivose, L-oliose, D-mycarose and forosamine.
Synonyms	KijD10; dTDP-4-keto-2,6-dideoxy-D-glucose 3-oxidoreductase; dTDP-4-dehydro-2,6-dideoxy-α-D-glucose 3-oxidoreductase

Product Information

Form	Liquid or lyophilized powder
EC Number	EC 1.1.1.384
Reaction	dTDP-4-dehydro-2,6-dideoxy-α-D-glucose + NADP+ = dTDP-3,4-didehydro-2,6-dideoxy-α-D-glucose + NADPH + H+
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 ℃.