

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