Creative Enzymes®

dTDP-6-deoxy-L-talose 4-dehydrogenase (NADP+)

Cat. No. EXWM-0038

Lot. No. (See product label)

Introduction

Description	Oxidation on the 4-position of the hexose moiety takes place only while the substrate is bound to another enzyme that catalyses epimerization at C-3 and C-5.
Synonyms	thymidine diphospho-6-deoxy-L-talose dehydrogenase; TDP-6-deoxy-L-talose dehydrogenase; dTDP-6-deoxy-L-talose dehydrogenase (4-reductase); dTDP-6-deoxy-L-talose:NADP+ 4-oxidoreductase

Product Information

Form	Liquid or lyophilized powder
EC Number	EC 1.1.1.134
CAS No.	37250-65-0
Reaction	dTDP-6-deoxy-β-L-talose + NADP+ = dTDP-4-dehydro-β-L-rhamnose + 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 ℃.