

GDP-6-deoxy-D-talose 4-dehydrogenase

Cat. No. EXWM-0039

Lot. No. (See product label)

Introduction

Description This enzyme belongs to the family of oxidoreductases, specifically those acting on the CH-OH group of donor with NAD⁺ or NADP⁺ as acceptor. The systematic name of this enzyme class is GDP-6-deoxy-D-talose:NAD(P)⁺ 4-oxidoreductase. This enzyme is also called guanosine diphospho-6-deoxy-D-talose dehydrogenase. This enzyme participates in fructose and mannose metabolism.

Synonyms guanosine diphospho-6-deoxy-D-talose dehydrogenase; GDP-6-deoxy-D-talose:NAD(P)⁺ 4-oxidoreductase

Product Information

Form Liquid or lyophilized powder

EC Number EC 1.1.1.135

CAS No. 37250-66-1

Reaction GDP-6-deoxy- α -D-talose + NAD(P)⁺ = GDP-4-dehydro- α -D-rhamnose + NAD(P)H + 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.