

3-deoxy-manno-octulosonate cytidyltransferase

Cat. No. EXWM-3249

Lot. No. (See product label)

Introduction

Description

This enzyme belongs to the family of transferases, specifically those transferring phosphorus-containing nucleotide groups (nucleotidyltransferases). This enzyme participates in lipopolysaccharide biosynthesis.

Synonyms

CMP-3-deoxy-D-manno-octulosonate pyrophosphorylase; 2-keto-3-deoxyoctonate cytidyltransferase; 3-Deoxy-D-manno-octulosonate cytidyltransferase; CMP-3-deoxy-D-manno-octulosonate synthetase; CMP-KDO synthetase; CTP: CMP-3-deoxy-D-manno-octulosonate cytidyltransferase; cytidine monophospho-3-deoxy-D-manno-octulosonate pyrophosphorylase

Product Information

Form

Liquid or lyophilized powder

EC Number

EC 2.7.7.38

CAS No.

37278-28-7

Reaction

CTP + 3-deoxy-D-manno-octulosonate = diphosphate + CMP-3-deoxy-D-manno-octulosonate

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.