

4-(cytidine 5'-diphospho)-2-C-methyl-D-erythritol kinase

Cat. No. EXWM-2978

Lot. No. (See product label)

Introduction

Description

The enzyme from Escherichia coli requires Mg²⁺ or Mn²⁺. Forms part of an alternative nonmevalonate pathway for terpenoid biosynthesis (for diagram, click [here](#)).

Synonyms

CDP-ME kinase

Product Information

Form

Liquid or lyophilized powder

EC Number

EC 2.7.1.148

CAS No.

263016-77-9

Reaction

ATP + 4-(cytidine 5'-diphospho)-2-C-methyl-D-erythritol = ADP + 2-phospho-4-(cytidine 5'-diphospho)-2-C-methyl-D-erythritol

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.