Creative Enzymes®

2-C-methyl-D-erythritol 2,4-cyclodiphosphate synthase

Cat. No. EXWM-5349

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	MECDP-synthase; 2-phospho-4-(cytidine 5'-diphospho)-2-C-methyl-D-erythritol CMP-lyase (cyclizing)

Product Information

Form	Liquid or lyophilized powder
EC Number	EC 4.6.1.12
CAS No.	287480-92-6
Reaction	2-phospho-4-(cytidine 5'-diphospho)-2-C-methyl-D-erythritol = 2-C-methyl-D-erythritol 2,4-cyclodiphosphate + CMP
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 ℃.