

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 °C for short term. For long term storage, store it at -20 °C~-80 °C.