

1-deoxy-D-xylulose-5-phosphate synthase

Cat. No. EXWM-2034

Lot. No. (See product label)

Introduction

Description

Requires thiamine diphosphate. The enzyme forms part of an alternative nonmevalonate pathway for terpenoid biosynthesis (for diagram, [click here](#)).

Synonyms

1-deoxy-D-xylulose-5-phosphate pyruvate-lyase (carboxylating); DXP-synthase

Product Information

Form

Liquid or lyophilized powder

EC Number

EC 2.2.1.7

CAS No.

202218-79-9

Reaction

pyruvate + D-glyceraldehyde 3-phosphate = 1-deoxy-D-xylulose 5-phosphate + CO₂

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.