

2,3-diketo-5-methylthiopentyl-1-phosphate enolase

Cat. No. EXWM-5485

Lot. No. (See product label)

Introduction

Description

The enzyme participates in the methionine salvage pathway in *Bacillus subtilis*. In some species a single bifunctional enzyme, EC 3.1.3.77, acireductone synthase, catalyses both this reaction and EC 3.1.3.87, 2-hydroxy-3-keto-5-methylthiopentenyl-1-phosphate phosphatase.

Synonyms

DK-MTP-1-P enolase; MtnW; YkrW; RuBisCO-like protein; RLP

Product Information

Form

Liquid or lyophilized powder

EC Number

EC 5.3.2.5

Reaction

5-(methylthio)-2,3-dioxopentyl phosphate = 2-hydroxy-5-(methylthio)-3-oxopent-1-enyl phosphate

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.