

## 2-dehydro-3-deoxyglucarate aldolase

Cat. No. EXWM-4859

Lot. No. (See product label)

### Introduction

#### Description

This enzyme belongs to the family of lyases, specifically the aldehyde-lyases, which cleave carbon-carbon bonds. This enzyme participates in ascorbate and aldarate metabolism.

#### Synonyms

2-keto-3-deoxyglucarate aldolase;  $\alpha$ -keto- $\beta$ -deoxy-D-glucarate aldolase; 2-dehydro-3-deoxy-D-glucarate tartronate-semialdehyde-lyase; 2-dehydro-3-deoxy-D-glucarate tartronate-semialdehyde-lyase (pyruvate-forming)

### Product Information

#### Form

Liquid or lyophilized powder

#### EC Number

EC 4.1.2.20

#### CAS No.

37290-56-5

#### Reaction

2-dehydro-3-deoxy-D-glucarate = pyruvate + 2-hydroxy-3-oxopropanoate

#### 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.