

## 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.