

2-dehydro-3-deoxy-L-pentonate aldolase

Cat. No. EXWM-4856

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 fructose and mannose metabolism.

Synonyms

2-keto-3-deoxy-L-pentonate aldolase; 2-keto-3-deoxy-L-arabonate aldolase; 2-keto-3-deoxy-D-xylonate aldolase; 3-deoxy-D-pentulosonic acid aldolase; 2-dehydro-3-deoxy-L-pentonate glycolaldehyde-lyase

Product Information

Form

Liquid or lyophilized powder

EC Number

EC 4.1.2.18

CAS No.

9076-49-7

Reaction

2-dehydro-3-deoxy-L-pentonate = pyruvate + glycolaldehyde

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.