Creative Enzymes®

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 ℃ for short term. For long term storage, store it at -20 ℃~-80 ℃.