

2-keto-3-deoxy-L-rhamnonate aldolase

Cat. No. EXWM-4890

Lot. No. (See product label)

Introduction

Description

Requires Mg²⁺ for activity. The enzyme can also use 2-oxo-3-deoxy-L-mannonate, 2-oxo-3-deoxy-L-lyxonate and 4-hydroxy-2-ketoheptane-1,7-dioate (HKHD) as substrates.

Synonyms

KDR aldolase; 2-dehydro-3-deoxyrhamnonate aldolase; 2-keto-3-deoxy acid sugar aldolase; YfaU; 2-dehydro-3-deoxy-L-rhamnonate (S)-lactaldehyde lyase (pyruvate-forming); 2-dehydro-3-deoxy-L-rhamnonate (R)-lactaldehyde lyase (pyruvate-forming)

Product Information

Form

Liquid or lyophilized powder

EC Number

EC 4.1.2.53

Reaction

2-dehydro-3-deoxy-L-rhamnonate = pyruvate + (S)-lactaldehyde

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.