Creative Enzymes®

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