Creative Enzymes®

L-erythro-3-hydroxyaspartate aldolase

Cat. No. EXWM-4900

Lot. No. (See product label)

Introduction

Description	A pyridoxal-phosphate protein. The enzyme, purified from the bacterium Paracoccus denitrificans NCIMB 8944, is strictly specific for the L-erythro stereoisomer of 3-hydroxyaspartate. Different from EC 4.1.3.41, erythro-3-hydroxy-D-aspartate aldolase. Requires a divalent cation.
Synonyms	L-erythro-β-hydroxyaspartate aldolase; L-erythro-β-hydroxyaspartate glycine-lyase; erythro-3-hydroxy-Ls-aspartate glyoxylate-lyase

Product Information

Form	Liquid or lyophilized powder
EC Number	EC 4.1.3.14
CAS No.	37290-64-5
Reaction	L-erythro-3-hydroxy-aspartate = glycine + glyoxylate
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 ℃.