Creative Enzymes®

(R)-3-amino-2-methylpropionate-pyruvate transaminase

Cat. No. EXWM-2881

Lot. No. (See product label)

Introduction

Description	The two enantiomers of the 2-methyl-3-oxopropanoate formed by the enzyme interconvert by enolization, so that this enzyme, together with EC 2.6.1.22, (S)-3-amino-2-methylpropionate transaminase, provide a route for interconversion of the enantiomers of 3-amino-2-methylpropanoate.
Synonyms	D-3-aminoisobutyrate-pyruvate transaminase; β-aminoisobutyrate-pyruvate aminotransferase; D-3-aminoisobutyrate-pyruvate aminotransferase; D-3-aminoisobutyrate-pyruvate transaminase; (R)-3-amino-2-methylpropionate transaminase; D-β-aminoisobutyrate:pyruvate aminotransferase

Product Information

Form	Liquid or lyophilized powder
EC Number	EC 2.6.1.40
CAS No.	37279-00-8
Reaction	(R)-3-amino-2-methylpropanoate + pyruvate = 2-methyl-3-oxopropanoate + L-alanine
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 ℃.