

(S)-3-amino-2-methylpropionate transaminase

Cat. No. EXWM-2862

Lot. No. (See product label)

Introduction

Description

Also acts on β -alanine and other ω -amino acids having carbon chains between 2 and 5. The two enantiomers of the 2-methyl-3-oxopropanoate formed by the enzyme interconvert by enolization, so that this enzyme, together with EC 2.6.1.40, (R)-3-amino-2-methylpropionate-pyruvate transaminase, provide a route for interconversion of the enantiomers of 3-amino-2-methylpropanoate.

Synonyms

L-3-aminoisobutyrate transaminase; β -aminobutyric transaminase; L-3-aminoisobutyric aminotransferase; β -aminoisobutyrate- α -ketoglutarate transaminase

Product Information

Form

Liquid or lyophilized powder

EC Number

EC 2.6.1.22

CAS No.

9031-95-2

Reaction

(S)-3-amino-2-methylpropanoate + 2-oxoglutarate = 2-methyl-3-oxopropanoate + L-glutamate

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.