

glutamate-prephenate aminotransferase

Cat. No. EXWM-2919

Lot. No. (See product label)

Introduction

Description

A pyridoxal-phosphate protein. Aspartate can also act as the amino donor, but more slowly (cf. EC 2.6.1.78, aspartate-prephenate aminotransferase). The enzyme from higher plants shows a marked preference for prephenate as substrate compared to pyruvate, phenylpyruvate or 4-hydroxyphenylpyruvate.

Synonyms

prephenate transaminase (ambiguous); PAT (ambiguous); L-glutamate:prephenate aminotransferase

Product Information

Form

Liquid or lyophilized powder

EC Number

EC 2.6.1.79

Reaction

L-arogenate + 2-oxoglutarate = prephenate + 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.