

cephalosporin-C transaminase

Cat. No. EXWM-2914

Lot. No. (See product label)

Introduction

Description

A number of D-amino acids, including D-alanine, D-aspartate and D-methionine can also act as amino-group donors. Although this enzyme acts on several free D-amino acids, it differs from EC 2.6.1.21, D-alanine transaminase, in that it can use cephalosporin C as an amino donor.

Synonyms

cephalosporin C aminotransferase; L-alanine:cephalosporin-C aminotransferase

Product Information

Form

Liquid or lyophilized powder

EC Number

EC 2.6.1.74

CAS No.

122096-91-7

Reaction

(7R)-7-(5-carboxy-5-oxopentanoyl)aminocephalosporinate + D-glutamate =
cephalosporin C + 2-oxoglutarate

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.