Creative Enzymes®

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 ℃ for short term. For long term storage, store it at -20 ℃~-80 ℃.