Creative Enzymes®

isopenicillin-N epimerase

Cat. No. EXWM-5375

Lot. No. (See product label)

Introduction

Description	This enzyme contains pyridoxal phosphate. Epimerization at C-5 of the 5-amino-5-carboxypentanoyl group to form penicillin N is required to make a substrate for EC 1.14.20.1, deactoxycephalosporin-C synthase, to produce cephalosporins. Forms part of the penicillin biosynthesis pathway (for pathway, click here).

Product Information

Form	Liquid or lyophilized powder
EC Number	EC 5.1.1.17
CAS No.	88201-43-8
Reaction	isopenicillin N = penicillin N
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 ℃.