Creative Enzymes®

isopenicillin-N N-acyltransferase

Cat. No. EXWM-2104

Lot. No. (See product label)

Introduction

Description	Proceeds by a two stage mechanism via 6-aminopenicillanic acid. Different from EC 3.5.1.11, penicillin amidase.
Synonyms	acyl-coenzyme A:isopenicillin N acyltransferase; isopenicillin N:acyl-CoA: acyltransferase

Product Information

Form	Liquid or lyophilized powder
EC Number	EC 2.3.1.164
CAS No.	54576-90-8
Reaction	phenylacetyl-CoA + isopenicillin N + H2O = CoA + penicillin G + L-2-aminohexanedioate
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 ℃.