

glutaryl-7-aminocephalosporanic-acid acylase

Cat. No. EXWM-4485

Lot. No. (See product label)

Introduction

Description

Forms 7-aminocephalosporanic acid, a key intermediate in the synthesis of cephem antibiotics. It reacts only weakly with cephalosporin C.

Synonyms

7β-(4-carboxybutanamido)cephalosporanic acid acylase; cephalosporin C acylase; glutaryl-7-ACA acylase; CA; GCA; GA; cephalosporin acylase; glutaryl-7-aminocephalosporanic acid acylase; GL-7-ACA acylase

Product Information

Form

Liquid or lyophilized powder

EC Number

EC 3.5.1.93

CAS No.

56645-46-6

Reaction

(7R)-7-(4-carboxybutanamido)cephalosporanate + H₂O = (7R)-7-aminocephalosporanate + glutarate

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.