Creative Enzymes®

acyl-lysine deacylase

Cat. No. EXWM-4406

Lot. No. (See product label)

Introduction

Description	This enzyme belongs to the family of hydrolases, those acting on carbon-nitrogen bonds other than peptide bonds, specifically in linear amides. The systematic name of this enzyme class is N6-acyl-L-lysine amidohydrolase. Other names in common use include epsilon-lysine acylase, and 6-N-acyl-L-lysine amidohydrolase. This enzyme participates in lysine degradation.
Synonyms	ε-lysine acylase; 6-N-acyl-L-lysine amidohydrolase

Product Information

Form	Liquid or lyophilized powder
EC Number	EC 3.5.1.17
CAS No.	9025-11-0
Reaction	N6-acyl-L-lysine + H2O = a carboxylate + L-lysine
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 ℃.