

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