

succinyl-diaminopimelate desuccinylase

Cat. No. EXWM-4407

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 N-succinyl-LL-2,6-diaminoheptanedioate amidohydrolase. This enzyme is also called N-succinyl-L-alpha,epsilon-diaminopimelic acid deacylase. This enzyme participates in lysine biosynthesis.

Synonyms

N-succinyl-L- α , ϵ -diaminopimelic acid deacylase

Product Information

Form

Liquid or lyophilized powder

EC Number

EC 3.5.1.18

CAS No.

9024-94-6

Reaction

N-succinyl-LL-2,6-diaminoheptanedioate + H₂O = succinate + LL-2,6-diaminoheptanedioate

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.