Creative Enzymes®

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