

muramoyltetrapeptide carboxypeptidase

Cat. No. EXWM-4065

Lot. No. (See product label)

Introduction

Description Variants are known from various microorganisms. Involved in peptidoglycan synthesis, catalysing both decarboxylation and transpeptidation. Stimulated by divalent cations such as Mg^{2+} and Ca^{2+} , but not by Zn^{2+} . Inhibited by thiol-blocking reagents, but unaffected by penicillin

Synonyms carboxypeptidase IIW; carboxypeptidase II; lysyl-D-alanine carboxypeptidase; L-lysyl-D-alanine carboxypeptidase; LD-carboxypeptidase

Product Information

Form Liquid or lyophilized powder

EC Number EC 3.4.17.13

CAS No. 60063-80-1

Reaction Hydrolysis of the bond: N-acetyl-D-glucosaminy-N-acetylmuramoyl-L-Ala-D-glutamyl-6-carboxy-L-lysyl-D-alanine

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.