

zinc D-Ala-D-Ala carboxypeptidase

Cat. No. EXWM-4066

Lot. No. (See product label)

Introduction

Description

A zinc enzyme. Catalyses carboxypeptidation but not transpeptidation reactions involved in bacterial cell wall metabolism. Weakly inhibited by β -lactams. In peptidase family M15. Distinct from EC 3.4.16.4, serine-type D-Ala-D-Ala carboxypeptidase.

Synonyms

Zn²⁺ G peptidase, D-alanyl-D-alanine hydrolase; D-alanyl-D-alanine-cleaving carboxypeptidase; DD-carboxypeptidase; G enzyme; DD-carboxypeptidase-transpeptidase

Product Information

Form

Liquid or lyophilized powder

EC Number

EC 3.4.17.14

CAS No.

213189-85-6

Reaction

Cleavage of the bond: (Ac)₂-L-lysyl-D-alanyl-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.