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