

glutamate carboxypeptidase

Cat. No. EXWM-4063

Lot. No. (See product label)

Introduction

Description

A zinc enzyme produced by pseudomonads, Flavobacterium sp. and Acinetobacter sp. Its ability to hydrolyse pteroyl-L-glutamate (folic acid) has led to its use as a folate-depleting, antitumour agent. Type example of peptidase family M20

Synonyms

carboxypeptidase G; carboxypeptidase G1; carboxypeptidase G2; glutamyl carboxypeptidase; N-pteroyl-L-glutamate hydrolase

Product Information

Form

Liquid or lyophilized powder

EC Number

EC 3.4.17.11

CAS No.

9074-87-7

Reaction

Release of C-terminal glutamate residues from a wide range of N-acylating moieties, including peptidyl, aminoacyl, benzoyl, benzyloxycarbonyl, folyl and pteroyl groups

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.