

atrolysin A

Cat. No. EXWM-4291

Lot. No. (See product label)

Introduction

Description

A hemorrhagic endopeptidase of 68 kDa, one of six hemorrhagic toxins in the venom of western diamondback rattlesnake. The 60 kDa hemorrhagic toxin 1 of *Crotalus ruber ruber* shows identical specificity. In peptidase family M12 (astacin family). Related metalloendopeptidases from rattlesnake venoms are EC 3.4.24.41 (atrolysin B), EC 3.4.24.42 (atrolysin C), EC 3.4.24.43 (atroxase), EC 3.4.24.44 (atrolysin E), EC 3.4.24.45 (atrolysin F), EC 3.4.24.46 (adamalysin), EC 3.4.24.47 (horrilysin), and EC 3.4.24.48 (ruberlysin)

Synonyms

Crotalus atrox metalloendopeptidase a; hemorrhagic toxin a; *Crotalus atrox* α -proteinase; *Crotalus atrox* proteinase; bothropasin

Product Information

Form

Liquid or lyophilized powder

EC Number

EC 3.4.24.1

CAS No.

37288-82-7

Reaction

Cleavage of Asn3↓Gln, His5↓Leu, His10↓Leu, Ala14↓Leu and Tyr16↓Leu in insulin B chain; removes C-terminal Leu from small peptides

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.