

atrolysin E

Cat. No. EXWM-4326

Lot. No. (See product label)

Introduction

Description

A 25.7 kDa hemorrhagic endopeptidase from the venom of the western diamondback rattlesnake (*Crotalus atrox*) that digests basement membrane components, including the triple helix of type IV collagen. Such action is believed to contribute to the hemorrhagic property by weakening capillary walls. In peptidase family M12 (astacin family)

Synonyms

Crotalus atrox metalloendopeptidase e; hemorrhagic toxin e

Product Information

Form

Liquid or lyophilized powder

EC Number

EC 3.4.24.44

CAS No.

172306-51-3

Reaction

Cleavage of Asn3+Gln, Ser9+His and Ala14+Leu bonds in insulin B chain and Tyr14+Gln and Thr8+Ser in A chain. Cleaves type IV collagen at Ala73+Gln in $\alpha 1(IV)$ and at Gly7+Leu in $\alpha 2(IV)$

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.