

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 α 1(IV) and at Gly⁷+Leu in α 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.