

atrolysin C

Cat. No. EXWM-4324

Lot. No. (See product label)

Introduction

Description A 24 kDa hemorrhagic endopeptidase from the venom of the western diamondback rattlesnake (*Crotalus atrox*) that digests type IV collagen, and exists as two forms, c and d. Phosphoramidon inhibits in the 0.1 mM range. In peptidase family M12 (astacin family). Hemorrhagic toxin-2 of *C. ruber ruber* has the same Mr and specificity and is a homologue.

Synonyms *Crotalus atrox* metalloendopeptidase c; hemorrhagic toxin c and d

Product Information

Form Liquid or lyophilized powder

EC Number EC 3.4.24.42

CAS No. 158886-17-0

Reaction Cleavage of His5↓Leu, His10↓Leu, Ala14↓Leu, Tyr16↓Leu and Gly23↓Phe bonds in B chain of insulin. With small molecule substrates prefers hydrophobic residue at P2' and small residue such as Ala, Gly at P1

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.