9051 Mira Mesa Blvd, #910094
San Diego, CA 92191
Tel: 760-390-3989

Batroxobin

Batroxobin
RCP0175

Product Overview

Name	Batroxobin
Description	
Batroxobin	
Accession (Primary)	P04971
Synonyms	
Thrombin-like enzyme batroxobin, EC 3.4.21.74, BX, Bothrops atrox serine proteinase, Venombin-A, Batroxobin.	
Introduction	
Batroxobin is a serin protease that reduces fibronogen levels and is originally extracted from snake venom of Bothrops Atrox. Batroxobin is used in defibrinogenation and thrombolysis and also has an effect on c-fos gene and growth factor. Batroxobin can efficiently restrain proliferation of VSMCs, by blocking the release and uptake of Ca2+, thus influencing [Ca2+]i. Batroxobin converts fibrinogen to fibrin through the restricted release of fibrinopeptide-A from fibrinogen to promote blood to clot. Unlike thrombin, it is not affected by heparin and hirudin.	
Physical Appearance	
Sterile Filtered white lyophilized powder.	
Formulation	
The Batroxobin protein was lyophilized from a concentrated (1mg/ml) solution with no additives.	
Stability	
Store the lyophilized Batroxobin between 2-8°C. Do not freeze!	
Solubility	
It is recommended to reconstitute the lyophilized Batroxobin in sterile 18MΩ-cm H 2 O not less than 100 µg/ml or more than 10mg/ml solutions.	
Unit Definition	
100BU [Batroxobin Units]=1mg.	
Precautions	
Batroxobin is for research use only and not for use in diagnostic or therapeutic procedures.	

Target Information: (P04971)

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