

scutellarin

Cat. No. EXWM-4151

Lot. No. (See product label)

Introduction

Description From the venom of the Taipan snake (*Oxyuranus scutellatus*). Converts prothrombin to thrombin. Specificity is similar to that of Factor Xa (EC 3.4.21.6). However, unlike Factor Xa this enzyme can cleave its target in the absence of coagulation Factor Va. Activity is potentiated by phospholipid and Ca^{2+} which binds via γ -carboxyglutamic acid residues. Similar enzymes are known from the venom of other Australian elapid snakes, including *Pseudonaja textilis textilis*, *Oxyuranus microlepidotus* and *Demansia nuchalis* affinis.

Synonyms taipan activator; *Oxyuranus scutellatus* prothrombin-activating proteinase

Product Information

Form Liquid or lyophilized powder

EC Number EC 3.4.21.60

CAS No. 93389-45-8

Reaction Selective cleavage of Arg↓Thr and Arg↓Ile in prothrombin to form thrombin and two inactive fragments

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.