

## snake venom factor V activator

Cat. No. EXWM-4187

Lot. No. (See product label)

### Introduction

#### Description

Known from venom of *Vipera russelli*. Inhibited by di-isopropyl fluorophosphate, unlike the metallopeptidase russellysin (EC 3.4.24.58) that is specific for factor X. In peptidase family S1 (trypsin family).

### Product Information

#### Form

Liquid or lyophilized powder

#### EC Number

EC 3.4.21.95

#### CAS No.

471269-12-2, 123757-15-3, 123757-16-4, 123757-17-5, 123757-18-6

#### Reaction

Fully activates human clotting factor V by a single cleavage at the Trp-Tyr-Leu-Arg1545-Ser-Asn-Asn-Gly bond. Cattle, but not rabbit, factor V is cleaved, and no other proteins of the clotting system are attacked. Esterase activity is observed on Bz-Arg-OEt and Tos-Arg-OMe, and amidase activity on Phe-pipecolyl-Arg-NHPhNO<sub>2</sub>

#### 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.