

## Native Bothrops atrox snake Defibrase

Cat. No. PHAM-176

Lot. No. (See product label)

### Introduction

#### Description

The medicine Defibrase is the trade name given to batroxobin and is isolated from the venom of Bothrops moojeni. It functions as an defibrinogenating agent and is used for patients with thrombosis. The batroxobin from the snake Bothrops atrox is patented as Reptilase and used as a hemostatic drug.

#### Synonyms

Defibrase; batroxobin; reptilase

### Product Information

#### Source

Bothrops atrox snake

#### Appearance

White lyophilized powder

#### Form

Freeze dried powder

#### Purity

Purity (SDS-PAGE): No band other than 31000-41000 Purity (HPLC): > 90.0%

#### Activity

pecific activity(CP): > 1,200 units / mg protein

#### Unit Definition

TAME Unit: One Unit hydrolyzes 1μmole of p-toluene-sulfonyl-L-arginine methyl ester (TAME) per minute at 25°C, pH 8.2, in the presence of 10mM calcium. For TRSEQZ: One Unit is equivalent to one micromole of TCA soluble products, measured as tyrosine, released from 2% casein per minute, in 0.05M Tris-HCl, pH 7.6, at 37°C, in a 30 minute reaction.

### Storage and Shipping Information

#### Storage

Store in an airtight container, protect from light, at a temperature of < 10°C.