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

Terlipressin

Terlipressin
HRM0110

Product Overview

Name	Terlipressin

Description

Terlipressin

Introduction

Terlipressin is similar to a naturally occurring hormone present in the body, known as antidiuretic hormone (ADH) or vasopressin. ADH has two main effects in the body. Firstly, it causes narrowing of blood vessels (vasoconstriction), thereby limiting blood flow to a particular area of the body. It also acts on receptors in the kidney to retain water in the body, which helps to prevent excessive loss of water in the urine. Terlipressin is commonly used to stop bleeding of varices in the food pipe (oesophagus). Varices are fragile distended veins that can occur in various parts of the body such as the oesophagus. This is caused by an increase in blood pressure in certain diseases such as severe liver disease. These fragile varices can rupture and lead to life threatening bleeding. Terlipressin is therefore given to narrow blood vessels, and so restricting blood flow to the varices and stopping the bleeding.

Physical Appearance

Sterile Filtered White lyophilized (freeze-dried) powder.

Formulation

The protein (1 mg/ml) was lyophilized with no additives.

Stability

Lyophilized Terlipressin although stable at room temperature for 3 weeks, should be stored desiccated below -18°C. Upon reconstitution Terlipressin should be stored at 4°C between 2-7 days and for future use below -18°C. For long term storage it is recommended to add a carrier protein (0.1% HSA or BSA). Please prevent freeze-thaw cycles.

Purity

Greater than 98.0% as determined by: (a) Analysis by RP-HPLC. (b) Analysis by SDS-PAGE.

Solubility

It is recommended to reconstitute the lyophilized Terlipressin18MΩ-cm H2O not less than 100 µg/ml, which can then be further diluted to other aqueous solutions.

Precautions

Terlipressin is for research use only and not for use in diagnostic or therapeutic procedures.

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