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Eptifibatide Human

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NTP0024

Product Overview

Name	Eptifibatide Human

Description

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Introduction

Eptifibatide binds to the platelet receptor glycoprotein (GP) IIb/IIIa of human platelets and inhibits platelet aggregation. Eptifibatide is a cyclic peptide derived from a protein discovered in the venom of the southeastern pygmy rattlesnake (Sistrurus miliarus barbouri). Eptifibatide belongs to the arginin-glycin-aspartat-mimetics and reversibly binds to platelets.

Physical Appearance

Sterile Filtered White lyophilized (freeze-dried) powder.

Formulation

Eptifibatide was lyophilized with no additives.

Stability

Lyophilized Eptifibatide although stable at room temperature for 3 weeks, should be stored desiccated below -18°C. Upon reconstitution Eptifibatide 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 Eptifibatide in sterile 18MΩ-cm H2O not less than 100 µg/ml, which can then be further diluted to other aqueous solutions.

Precautions

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