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Eptifibatide Human

Catalog #:PRPS-365

For research use only.

Description: Synthetic Eptifibatide is a 6 amino acid peptide having a MW of 832.5 Dalton the following sequence Mpr-Har-Gly-Asp-Trp-Pro-Cys-NH2.

Physical Appearance: Sterile Filtered White lyophilized (freeze-dried) powder.

Purity: Greater than 99.0% as determined by(a) Analysis by RP-HPLC.(b) Analysis by SDS-PAGE.

Formulation:

Eptifibatide was lyophilized with no additives.

Stability:

Lyophilized Eptifibatide althoμgh 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.

Usage:

NeoBiolab's products are furnished for LABORATORY RESEARCH USE ONLY. The product may not be used as drμgs, agricultural or pesticidal products, food additives or household chemicals.

Solubility:

It is recommended to reconstitute the lyophilized Eptifibatide in sterile 18M-cm H2O not less than 100μg/ml, which can then be further diluted to other aqueous solutions.

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.

To place an order, please Click HERE.