

Human Eptifibatide - Purified

Catalog No.:	AR10012PU-N
Quantity:	25 mg
Background:	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 (<i>Sistrurus miliarius barbouri</i>). Eptifibatide belongs to the arginin-glycin-aspartat-mimetics and reversibly binds to platelets.
Species:	Human
Source:	Synthetic
Format:	State: Sterile Filtered White lyophilized (freeze-dried) powder with no additives. Purity: >99.0% as determined by: (a) Analysis by RP-HPLC. (b) Analysis by SDS-PAGE. Reconstitution: It is recommended to reconstitute the lyophilized Eptifibatide in sterile 18MΩ·cm ⁻¹ H ₂ O not less than 100µg/ml, which can then be further diluted to other aqueous solutions.
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-NH ₂ .
Storage:	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.