

## Human Eptifibatide - Purified

<b>Catalog No.:</b>	AR10012PU-S
<b>Quantity:</b>	5 mg
<b>Background:</b>	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.
<b>Species:</b>	Human
<b>Source:</b>	Synthetic
<b>Format:</b>	<b>State:</b> Sterile Filtered White lyophilized (freeze-dried) powder with no additives. <b>Purity:</b> >99.0% as determined by: (a) Analysis by RP-HPLC. (b) Analysis by SDS-PAGE. <b>Reconstitution:</b> It is recommended to reconstitute the lyophilized Eptifibatide in sterile 18MΩ·cm <sup>-1</sup> H <sub>2</sub> O not less than 100µg/ml, which can then be further diluted to other aqueous solutions.
<b>Description:</b>	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 <sub>2</sub> .
<b>Storage:</b>	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.