
Product Data Sheet

Product Name: Eptifibatide Human

Cat. No.: GP23412

Batch No.: 1

Product Data

Purity >98%

Source

Physical
Appearance solid

Shipping
Condition Shipped at Room temp.

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

Formulation Eptifibatide was lyophilized with no additives.

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 miliarius barbouri*). Eptifibatide belongs to the arginin-glycin-aspartat-mimetics and reversibly binds to platelets.

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.

Background

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.

Caution: Product has not been fully validated for medical applications. For research use only.

Tel: (909) 407-4943 Fax: (626) 353-8530 E-mail: tech@glpbio.com

Address: 10292 Central Ave. #205, Montclair, CA, USA