

DATASHEET

Version: 2016-08-18

Fibrinogen Binding Inhibitor Peptide**Cat. No.:** RP10832-1**Size:** 1 mg**Alias:** Fibrinogen Binding Inhibitor**Description:**

Fibrinogen Binding Inhibitor Peptide, a synthetic dodecapeptide, represents the specific platelet receptor recognition site of the human fibrinogen g-chain (residues 400-411). It is also a potent inhibitor of the binding of fibrinogen, fibronectin, and von Willebrand factor to thrombin- or ADP-stimulated platelets. Fibrinogen Binding Inhibitor Peptide has been used in studying phosphorylation processes associated with platelet activation.

Cas No: 89105-94-2**Sequence (one-letter code):**

HHLGGAKQAGDV

Sequence (three-letter code):

{HIS}{HIS}{LEU}{GLY}{GLY}{ALA}{LYS}{GLN}{ALA}{GLY}{ASP}{VAL}

Solubility: Soluble in water. The contents of this vial have been accurately determined. Both the stopper and the vial have been siliconized. Do not attempt to weight out a smaller portion of the contents.

Formula: C₅₀H₈₀N₁₈O₁₆**Molecular Weight:** 1,189.3**Purity:** > 95%**Storage:**

Before using, store the peptide in the DRY form at 0-5°C. For best and repeatable results, rehydrate the peptide immediately before using. Do not re-freeze any unused portions.

Note: In activated platelets, single γ 400-411 sequence is no longer required for initiation of adhesion but becomes sufficient for firm adhesion. In contrast to the binding of whole fibrinogen, binding of fragment 400-411 does not lead to tyrosine phosphorylation for platelet proteins.

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