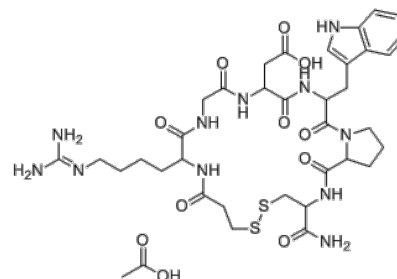


Product Name : Eptifibatide acetate
Cat. No. : PC-73150
CAS No. : 148031-34-9
Molecular Formula : C₃₅H₄₉N₁₁O₉S₂
Molecular Weight : 845.9
Target : Other Targets
Solubility : 10 mM in DMSO



Biological Activity

Eptifibatide acetate is a synthetic homodetic cyclic peptide, inhibits platelet aggregation by selectively blocking the platelet **glycoprotein IIb/IIIa** receptor.

Eptifibatide prevents the binding of fibrinogen, von Willebrand factor, and other adhesive ligands to platelet glycoprotein IIb/IIIa receptor.

Eptifibatide has a role as a platelet aggregation inhibitor and an anticoagulant.

Eptifibatide also binds to SARS-CoV-2 binding motifs of ACE2 receptor.

References

Furman MI, et al. J Am Coll Cardiol. 2004 Jun 16;43(12):2319-25.

Shweta Choudhary, et al. Front Immunol. 2020 Jul 10;11:1664.

Caution: Product has not been fully validated for medical applications. Lab Use Only!

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