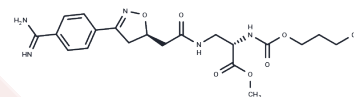


roxifiban

Chemical Properties

CAS No. : 170902-47-3
 Formula: C₂₁H₂₉N₅O₆
 Molecular Weight: 447.48
 Storage: Powder: -20°C for 3 years | In solvent: -80°C for 1 year
 Actual storage temperature shall be subject to the COA.



Biological Description

Description	Roxifiban, a prodrug of XV459, is an antiplatelet agent with high affinity and specificity for platelet glycoprotein IIb/IIIa complex(GPIIb/IIIa) receptors.
Targets(IC50)	Others,Integrin

Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	2.2347 mL	11.1737 mL	22.3474 mL
5 mM	0.4469 mL	2.2347 mL	4.4695 mL
10 mM	0.2235 mL	1.1174 mL	2.2347 mL
50 mM	0.0447 mL	0.2235 mL	0.4469 mL

Please select the appropriate solvent to prepare the stock solution, according to the solubility of the product in different solvents. Please use it as soon as possible.

Note: The dilution table applies only to solid products. For liquid products, please calculate the stock solution based on the stated concentration and/or density.

Reference

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Hantgan RR, Stahle MC. Integrin priming dynamics: mechanisms of integrin antagonist-promoted α IIb β 3: PAC-1 molecular recognition. *Biochemistry*. 2009 Sep 8;48(35):8355-65. doi: 10.1021/bi900475k. PubMed PMID: 19640007.

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Mousa SA. In-vitro efficacy of different platelet glycoprotein IIb/IIIa antagonists and thrombolytics on platelet/fibrin-mediated clot dynamics in human whole blood using thrombelastography. *Blood Coagul Fibrinolysis*. 2007 Jan;18(1):55-60. PubMed PMID: 17179828.

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