

XV 459

## Chemical Properties

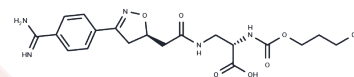
CAS No. : 170902-52-0

Formula: C<sub>20</sub>H<sub>27</sub>N<sub>5</sub>O<sub>6</sub>

Molecular Weight: 433.46

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	XV 459 is a biochemical.
Targets(IC50)	Others

## Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	2.307 mL	11.5351 mL	23.0702 mL
5 mM	0.4614 mL	2.307 mL	4.614 mL
10 mM	0.2307 mL	1.1535 mL	2.307 mL
50 mM	0.0461 mL	0.2307 mL	0.4614 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

Mousa SA, Ahmad S. Platelet GPIIb/IIIa antagonist, XV459, in heparin-induced thrombocytopenia. *Am J Hematol.* 2007 Apr;82(4):276-82. PubMed PMID: 17039513.

Pieniaszek HJ Jr, Davidson AF, Walton HL, Pinto DJ, Olson RE, Reilly TM, Barrett YC. A double antibody radioimmunoassay for the determination of XV459, the active hydrolysis metabolite of roxifiban, in human plasma. *J Pharm Biomed Anal.* 2003 Jan 1;30(5):1441-9. PubMed PMID: 12467915.

Fossler MJ, Ebling WF, Ma S, Kornhauser D, Mondick J, Barrett JS, Garner D, Quon CY, Pieniaszek HJ Jr. Integrated pharmacokinetic/pharmacodynamic model of XV459, a potent and specific GPIIb/IIIa inhibitor, in healthy male volunteers. *J Clin Pharmacol.* 2002 Dec;42(12):1326-34. PubMed PMID: 12463727.

Pieniaszek HJ Jr, Sy SK, Ebling W, Fossler MJ, Cain VA, Mondick JT, Ma S, Kornhauser DM. Safety, tolerability, pharmacokinetics, and time course of pharmacologic response of the active metabolite of roxifiban, XV459, a glycoprotein IIb/IIIa antagonist, following oral administration in healthy volunteers. *J Clin Pharmacol.* 2002 Jul;42(7):738-53. PubMed PMID: 12092741.

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