

Xemilofiban

Chemical Properties

CAS No. : 149820-74-6

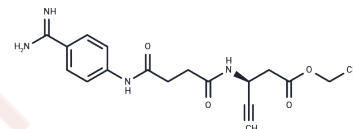
Formula: C₁₈H₂₂N₄O₄

Molecular Weight: 358.39

Store at low temperature

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	Xemilofiban (SC 54684A) interrupts platelet aggregation, promotes thrombolysis, and is used in the study of unstable angina.
Targets(IC50)	Others

Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	2.7903 mL	13.9513 mL	27.9026 mL
5 mM	0.5581 mL	2.7903 mL	5.5805 mL
10 mM	0.279 mL	1.3951 mL	2.7903 mL
50 mM	0.0558 mL	0.279 mL	0.5581 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

- Frederick LG, et al. Protective effect of oral xemilofiban in arterial thrombosis in dogs: increased activity in combination with aspirin. *Circulation*. 1998 Aug 25;98(8):813-20.
- Mercado N, Brugts JJ, Ix JH, Shlipak MG, Dixon SR, Gersh BJ, Lemos PA, Guarneri M, Teirstein PS, Wijns W, Serruys PW, Boersma E, O'Neill WW. Usefulness of proteinuria as a prognostic marker of mortality and cardiovascular events among patients undergoing percutaneous coronary intervention (data from the Evaluation of Oral Xemilofiban in Controlling Thrombotic Events [EXCITE] trial). *Am J Cardiol*. 2008 Nov 1;102(9):1151-5. doi: 10.1016/j.amjcard.2008.06.035. Epub 2008 Aug 9. PubMed PMID: 18940282.
- Sheppard LP. Xemilofiban Searle and Co. *IDrugs*. 1998 Jun;1(2):257-63. PubMed PMID: 18465540.
- Gowda RM, Khan IA, Vasavada BC, Sacchi TJ. Therapeutics of platelet glycoprotein IIb/IIIa receptor antagonism. *Am J Ther*. 2004 Jul-Aug;11(4):302-7. Review. PubMed PMID: 15266223.

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