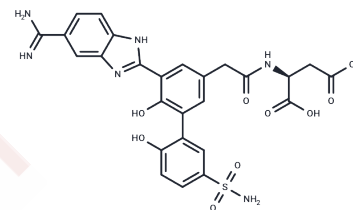


PCI-27483

Chemical Properties

CAS No. : 871266-63-6
 Formula: C₂₆H₂₄N₆O₉S
 Molecular Weight: 596.57
 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	PCI-27483 is an activated coagulation factor VIIa inhibitor with antithrombotic effects in a baboon model of arterial thrombosis. It also inhibits the growth of BxPC3 xenografts by 42% and 85% at doses of 60 and 90 mg/kg, respectively.
Targets(IC50)	Others,Factor VIIa

Solubility Information

Solubility	DMSO: 150 mg/mL (251.44 mM),Sonication is recommended. (< 1 mg/ml refers to the product slightly soluble or insoluble)
In vivo Formulation	10% DMSO+40% PEG300+5% Tween 80+45% Saline: 2 mg/mL (3.35 mM),Sonication is recommended. <i>Please add the solvents sequentially, clarifying the solution as much as possible before adding the next one. Dissolve by heating and/or sonication if necessary. Working solution is recommended to be prepared and used immediately. The formulation provided above is for reference purposes only. In vivo formulations may vary and should be modified based on specific experimental conditions.</i>

Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	1.6762 mL	8.3812 mL	16.7625 mL
5 mM	0.3352 mL	1.6762 mL	3.3525 mL
10 mM	0.1676 mL	0.8381 mL	1.6762 mL
50 mM	0.0335 mL	0.1676 mL	0.3352 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

Gómez-Outes, A, et al. New parenteral anticoagulants in development. Ther. Adv. Cardiovasc. Disc. 5(1), 33-59 (2011).

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