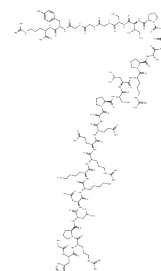


FX-06

## Chemical Properties

CAS No. : 88650-17-3  
 Formula: C133H216N44O38  
 Molecular Weight: 3039.41  
 Storage: Keep away from moisture  
 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	FX-06 (Fibrin-derived peptide Bβ15-42) is derived from the fibrin Bbeta chain and interacts with VE-cadherin to inhibit leukocyte transmigration while initiating VE-cadherin-mediated signaling pathways. This compound is utilized in researching ischemia/reperfusion injury and Dengue shock syndrome (DSS) [1] [2] [4].
Targets(IC50)	Anti-infection,Others
In vitro	FX-06 (50 μM, 3 days) inhibits D2HG synthesis in HEK-293T cells expressing mutant IDH1 R132H [2].
In vivo	FX06, administered intravenously at 2.4 mg/kg as a bolus, notably enhances pulmonary and circulatory function in a porcine model of hemorrhagic shock and reperfusion [3]. The same dosage, given intraperitoneally twice daily, increases survival rates and mitigates capillary leakage in Dengue shock syndrome mouse models [4]. When administered at 3.6 mg/kg intravenously, FX06 safeguards against ischemia/reperfusion (I/R)-induced renal damage in mice, promoting epithelial cell proliferation and facilitating tissue repair [5].

## Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	0.329 mL	1.6451 mL	3.2901 mL
5 mM	0.0658 mL	0.329 mL	0.658 mL
10 mM	0.0329 mL	0.1645 mL	0.329 mL
50 mM	0.0066 mL	0.0329 mL	0.0658 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.

**Inhibitor · Natural Compounds · Compound Libraries · Recombinant Proteins**

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