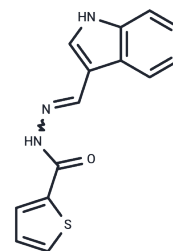


## FGF22-IN-1

## Chemical Properties

CAS No. :	113143-13-8
Formula:	C <sub>14</sub> H <sub>11</sub> N <sub>3</sub> O <sub>2</sub> S
Molecular Weight:	269.32
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	FGF22-IN-1 is a potential CD4 N-terminal immunoglobulin variable region-like domain (CD4 D1) inhibitor. FGF22-IN-1 inhibits the interaction between CD4 and major histocompatibility complex (MHC) class II proteins and suppresses the immune response.
Targets(IC50)	Others, HIV Protease

## Solubility Information

Solubility	DMSO: 80 mg/mL (297.04 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: 3.3 mg/mL (12.25 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	3.7131 mL	18.5653 mL	37.1306 mL
5 mM	0.7426 mL	3.7131 mL	7.4261 mL
10 mM	0.3713 mL	1.8565 mL	3.7131 mL
50 mM	0.0743 mL	0.3713 mL	0.7426 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

Xiao H, et al. Potent inhibition of the CD4-dependent T cell response by J2, a novel nonpeptide organic ligand of CD4 DMol Immunol. 2007 Feb;44(5):784-95.

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