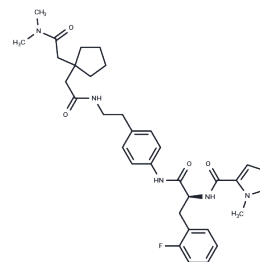


IL-17A antagonist 1

Chemical Properties

CAS No. :	2205034-18-8
Formula:	C ₃₃ H ₄₁ N ₆ O ₄
Molecular Weight:	604.71
Storage:	Store at low temperature Powder: -20°C for 3 years In solvent: -80°C for 1 year <i>Actual storage temperature shall be subject to the COA.</i>



Biological Description

Description	IL-17A antagonist 1 is an IL-17A antagonist for the study of interleukin-related inflammatory and immune diseases.
Targets(IC50)	IL Receptor, Interleukin

Solubility Information

Solubility	DMSO: 20 mg/mL (33.07 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 (3.31 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	1.6537 mL	8.2684 mL	16.5369 mL
5 mM	0.3307 mL	1.6537 mL	3.3074 mL
10 mM	0.1654 mL	0.8268 mL	1.6537 mL
50 mM	0.0331 mL	0.1654 mL	0.3307 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

Liu S, et al. Binding site elucidation and structure guided design of macrocyclic IL-17A antagonists. Sci Rep. 2016 Aug 16;6:30859.

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