Proteins

# Inhibitors

## **Product** Data Sheet

### IL-17 modulator 3

Cat. No.: HY-139203 CAS No.: 2467731-88-8 Molecular Formula:  $C_{31}H_{45}N_{7}O_{4}$ Molecular Weight: 579.73

Target: Interleukin Related

Pathway: Immunology/Inflammation

Storage: Powder -20°C 3 years

> 4°C 2 years In solvent -80°C 6 months

-20°C 1 month

#### **SOLVENT & SOLUBILITY**

In Vitro

DMSO: 100 mg/mL (172.49 mM; ultrasonic and warming and heat to 60°C)

Preparing Stock Solutions	Solvent Mass Concentration	1 mg	5 mg	10 mg
	1 mM	1.7249 mL	8.6247 mL	17.2494 mL
	5 mM	0.3450 mL	1.7249 mL	3.4499 mL
	10 mM	0.1725 mL	0.8625 mL	1.7249 mL

Please refer to the solubility information to select the appropriate solvent.

In Vivo

- 1. Add each solvent one by one: 10% DMSO >> 40% PEG300 >> 5% Tween-80 >> 45% saline Solubility: ≥ 2.5 mg/mL (4.31 mM); Clear solution
- 2. Add each solvent one by one: 10% DMSO >> 90% (20% SBE-β-CD in saline) Solubility: ≥ 2.5 mg/mL (4.31 mM); Clear solution

#### **BIOLOGICAL ACTIVITY**

Description	IL-17 modulator 3 is an IL-17 modulator (US20200247785A1). IL-17 modulator 3 can be used for the research of inflammation, cancer and autoimmune diseases <sup>[1]</sup> .	
IC <sub>50</sub> & Target	IL-17	IL-17

#### **REFERENCES**

[1]. Fatheree PR, et, al. IL-17 Ligands And Uses Thereof. US20200247785A1.

 $\label{lem:caution:Product} \textbf{Caution: Product has not been fully validated for medical applications. For research use only.}$ 

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