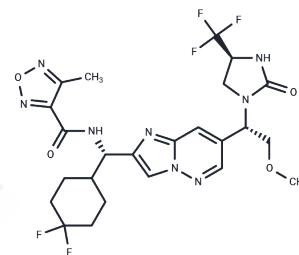


IL-17A inhibitor 1

Chemical Properties

CAS No. :	2452464-73-0
Formula:	C ₂₄ H ₂₇ F ₅ N ₈ O ₄
Molecular Weight:	586.51
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 inhibitor 1 is a IL-17A inhibitor with IC ₅₀ of <9.45 nM in alphaLisa assay. IL-17A inhibitor 1 inhibits HT-29 cells with IC ₅₀ of 9.3 nM.
Targets(IC ₅₀)	IL Receptor, Interleukin

Solubility Information

Solubility	DMSO: 250 mg/mL (426.25 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 (5.63 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	1.705 mL	8.525 mL	17.050 mL
5 mM	0.341 mL	1.705 mL	3.410 mL
10 mM	0.1705 mL	0.8525 mL	1.705 mL
50 mM	0.0341 mL	0.1705 mL	0.341 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

COATES DAVID ANDREW, et al. IMIDAZO[1,2-B]PYRIDAZINE IL-17A INHIBITORS. Patent WO2020146194.

Inhibitor · Natural Compounds · Compound Libraries · Recombinant Proteins

This product is for Research Use Only · Not for Human or Veterinary or Therapeutic Use

Tel:781-999-4286 E_mail:info@targetmol.com Address:34 Washington Street,Wellesley Hills,MA 02481