

Edecesertib

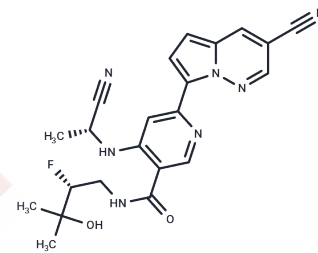
Chemical Properties

CAS No. : 2408839-73-4

Formula: C22H22FN7O2

Molecular Weight: 435.45

Storage: Store at low temperature, Keep away from direct sunlight
 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	Edecesertib (GS-5718) is a selective, orally active IRAK-4 inhibitor with anti-inflammatory properties, applicable for the study of rheumatoid arthritis (RA) and lupus erythematosus (LE).
Targets(IC50)	IRAK

Solubility Information

Solubility	DMSO: 80 mg/mL (183.72 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 (7.58 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	2.2965 mL	11.4824 mL	22.9647 mL
5 mM	0.4593 mL	2.2965 mL	4.5929 mL
10 mM	0.2296 mL	1.1482 mL	2.2965 mL
50 mM	0.0459 mL	0.2296 mL	0.4593 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

Roedder S, et al. Phase 1 Study Results of GS-5718, an Oral IRAK4-Inhibitor: Pharmacodynamics of Single and Multiple Doses of GS-5718 in Healthy Subjects. 2021 Nov 6.

Stephen Ammann, et al. PYRROLO[1,2-b]PYRIDAZINE DERIVATIVES:US20210214363A1.

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