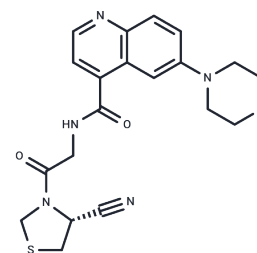


AZD2389

Chemical Properties

CAS No. : 2791472-12-1
 Formula: C₂₀H₂₁N₅O₃S
 Molecular Weight: 411.48
 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	AZD2389 is an effective and orally active FAP inhibitor that improves histological fibrosis and increases intact α 2-AP, suitable for studying metabolic dysfunction-associated steatohepatitis.
Targets(IC50)	Immunology/Inflammation related

Solubility Information

Solubility	DMSO: 80 mg/mL (194.42 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: 5 mg/mL (12.15 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	2.4303 mL	12.1513 mL	24.3025 mL
5 mM	0.4861 mL	2.4303 mL	4.8605 mL
10 mM	0.243 mL	1.2151 mL	2.4303 mL
50 mM	0.0486 mL	0.243 mL	0.4861 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

AZD2389, a first in class candidate drug for the treatment of metabolic dysfunction-associated steatohepatitis.

Inhibitor · Natural Compounds · Compound Libraries · Recombinant Proteins

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

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