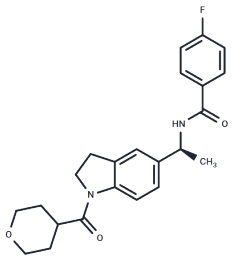
Data Sheet (Cat.No.T12801)

TargetMol

(S)-IDO1-IN-5

Chemical Properties



CAS No. : 2166616-76-6

Formula: C23H25FN2O3

Molecular Weight: 396.45

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	(S)-IDO1-IN-5 is an active S-isomer of IDO1-IN-5. (S)-IDO1-IN-5 binds to IDOL(IC50 value less than 1.5 μM).
Targets(IC50)	Others,IDO,Indoleamine 2,3-Dioxygenase (IDO)

Solubility Information

Solubility	DMSO: 300 mg/mL (756.72 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: 5 mg/mL (12.61 mM),Sonication is recommended. *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.*

Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	2.5224 mL	12.6119 mL	25.2239 mL
5 mM	0.5045 mL	2.5224 mL	5.0448 mL
10 mM	0.2522 mL	1.2612 mL	2.5224 mL
50 mM	0.0504 mL	0.2522 mL	0.5045 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

Jolie Anne Bastian, et al. 1-tetrahydropyranylcarbonyl-2,3-dihydro-1h-indole compounds for treating cancer. WO2017213919A1.

Frank C. Dorsey, et al. Abstract 5245: Identification and characterization of the IDO1 inhibitor LY3381916. Cancer Research. 2018, 78(13).

Inhibitor · Natural Compounds · Compound Libraries · Recombinant Proteins

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