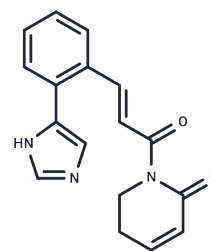


ZC0101

Chemical Properties

CAS No. : 2541604-52-6
 Formula: C₁₇H₁₅N₃O₂
 Molecular Weight: 293.32
 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	ZC0101 is a potent, orally active dual inhibitor of IDO1 (IC ₅₀ = 0.084 μM) and TrxR (IC ₅₀ = 7.98 μM), which effectively induces apoptosis and ROS accumulation in cancer cells [1].
Targets(IC ₅₀)	Apoptosis,Others,Reactive Oxygen Species,IDO,Indoleamine 2,3-Dioxygenase (IDO)
In vivo	ZC0101 (60 mg/kg; p.o.; once) effectively suppresses IDO1 activity in vivo [1].

Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	3.4092 mL	17.0462 mL	34.0925 mL
5 mM	0.6818 mL	3.4092 mL	6.8185 mL
10 mM	0.3409 mL	1.7046 mL	3.4092 mL
50 mM	0.0682 mL	0.3409 mL	0.6818 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.

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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