

NVP-DKY709

Chemical Properties

CAS No. : 2291360-73-9

Formula: C₂₅H₂₇N₃O₃

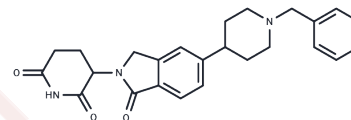
Molecular Weight: 417.5

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	NVP-DKY709 is a potent inhibitor of IKZF2 for the treatment of cancers.
Targets(IC ₅₀)	Others, Molecular Glues, IKZF

Solubility Information

Solubility	DMSO: 15 mg/mL (35.93 mM), Sonication and heating to 60°C are recommended. (< 1 mg/ml refers to the product slightly soluble or insoluble)
In vivo Formulation	10% DMSO+40% PEG300+5% Tween 80+45% Saline: 1 mg/mL (2.4 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	2.3952 mL	11.976 mL	23.9521 mL
5 mM	0.479 mL	2.3952 mL	4.7904 mL
10 mM	0.2395 mL	1.1976 mL	2.3952 mL
50 mM	0.0479 mL	0.2395 mL	0.479 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

Simone BONAZZI, et al. Dosing regimen and pharmaceutical combination comprising 3-(1-oxoisindolin-2-yl) piperidine-2,6-dione derivatives. WO2020128972 A1.

Inhibitor · Natural Compounds · Compound Libraries · Recombinant Proteins

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