

NMS-P515

Chemical Properties

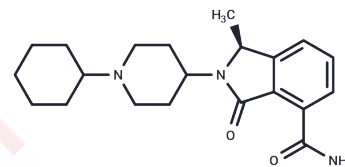
CAS No. : 1262395-13-0

Formula: C₂₁H₂₉N₃O₂

Molecular Weight: 355.47

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	NMS-P515 is an effective, orally active, and stereospecific PARP-1 inhibitor (K _d : 16 nM and an IC ₅₀ : 27 nM (in Hela cells)). It has anti-tumor activity.
Targets(IC50)	Others,PARP
In vivo	NMS-P515 (80 mg/kg; p.o.; 12 days) shows effective antitumor activity in mouse models based on pancreatic cancer.

Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	2.8132 mL	14.0659 mL	28.1318 mL
5 mM	0.5626 mL	2.8132 mL	5.6264 mL
10 mM	0.2813 mL	1.4066 mL	2.8132 mL
50 mM	0.0563 mL	0.2813 mL	0.5626 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

Papeo G, et al. Discovery of Stereospecific PARP-1 Inhibitor Isoindolinone NMS-P515. ACS Med Chem Lett. 2019 Mar 13;10(4):534-538.

Inhibitor · Natural Compounds · Compound Libraries · Recombinant Proteins

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Tel:781-999-4286 E_mail:info@targetmol.com Address:34 Washington Street,Wellesley Hills,MA 02481