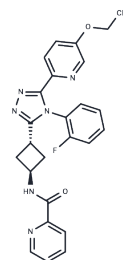


OM-1700

Chemical Properties

CAS No. : 2406276-78-4
 Formula: C₂₅H₂₃FN₆O₂
 Molecular Weight: 458.49
 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	OM-1700 is a potent inhibitor of tankyrase, acting on tankyrase 1 (IC ₅₀ : 127 nM) and tankyrase 2 (IC ₅₀ : 14 nM). OM-1700 inhibits the growth of colon cancer cell lines and inhibits COLO 320DM cells (GI ₅₀ : 650 nM).
Targets(IC ₅₀)	Others,PARP

Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	2.1811 mL	10.9054 mL	21.8107 mL
5 mM	0.4362 mL	2.1811 mL	4.3621 mL
10 mM	0.2181 mL	1.0905 mL	2.1811 mL
50 mM	0.0436 mL	0.2181 mL	0.4362 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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