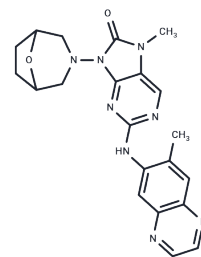


DNA-PK-IN-5

Chemical Properties

CAS No. :	2719736-43-1
Formula:	C ₂₁ H ₂₂ N ₈ O ₂
Molecular Weight:	418.45
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	DNA-PK-IN-5 is a potent inhibitor of DNA-PK that inhibits DNA-PKcs activity, significantly reduces tumor DNA repair, and induces apoptosis. It enhances tumor tissue sensitivity to radiotherapy, overcomes drug resistance issues, and improves the inhibition of various solid and haematological tumors.
Targets(IC50)	Others,DNA-PK

Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	2.3898 mL	11.9489 mL	23.8977 mL
5 mM	0.478 mL	2.3898 mL	4.7795 mL
10 mM	0.239 mL	1.1949 mL	2.3898 mL
50 mM	0.0478 mL	0.239 mL	0.478 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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