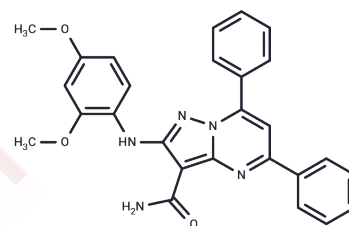


CDK1-IN-1

Chemical Properties

CAS No. :	2761858-59-5
Formula:	C ₂₇ H ₂₃ N ₅ O ₃
Molecular Weight:	465.5
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	CDK1-IN-7 is a potent inhibitor of CDK1 with an IC ₅₀ value of 161.2 nM for CDK1/CycB. CDK1-IN-7 induces apoptosis in a p53-dependent manner via the apoptosis-intrinsic pathway. CDK1-IN-7 selectively acts on tumour tissue and has potential anti-proliferative effects. CDK1-IN-7 is a potential CDK1-IN-7 is a potential targeted anti-tumour agent.
Targets(IC ₅₀)	Others,CDK

Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	2.1482 mL	10.7411 mL	21.4823 mL
5 mM	0.4296 mL	2.1482 mL	4.2965 mL
10 mM	0.2148 mL	1.0741 mL	2.1482 mL
50 mM	0.043 mL	0.2148 mL	0.4296 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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