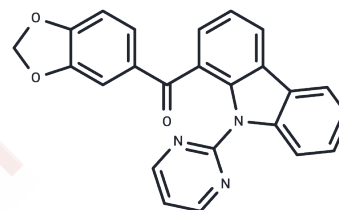


Antitumor agent-44

Chemical Properties

CAS No. : 1811548-74-9
 Formula: C₂₄H₁₅N₃O₃
 Molecular Weight: 393.39
 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	Antitumor agent-44 (Compound 5n) elicits potent antitumor effects by disrupting mitochondrial homeostasis, inducing cell cycle arrest, and triggering apoptosis in human adenocarcinoma cells. Additionally, Antitumor agent-44 demonstrates significant anti-tumor activity in a lung cancer cell xenograft mice model [1].
Targets(IC50)	Apoptosis,Others

Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	2.542 mL	12.710 mL	25.4201 mL
5 mM	0.5084 mL	2.542 mL	5.084 mL
10 mM	0.2542 mL	1.271 mL	2.542 mL
50 mM	0.0508 mL	0.2542 mL	0.5084 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

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