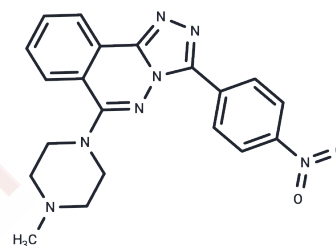


Anticancer agent 72

Chemical Properties

CAS No. :	2460167-51-3
Formula:	C ₂₀ H ₁₉ N ₇ O ₂
Molecular Weight:	389.41
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	Anticancer agent 72 (compound 8c) effectively inhibits the K ⁺ channel and induces apoptosis, displaying significant potential as an anticancer treatment [1].
Targets(IC50)	Apoptosis,Others,Potassium Channel
In vitro	Anticancer agent 72, also known as compound 8c, exhibits inhibitory effects on a range of cancer cell lines, including PC3, MCF-7, HeLa, SKBr3, and A549. The respective half maximal inhibitory concentration (IC ₅₀) values are 17.58 μM for PC3, 5.55 μM for MCF-7, 0.54 μM for HeLa, 11.13 μM for SKBr3, and 20.40 μM for A549 cells.

Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	2.568 mL	12.8399 mL	25.6799 mL
5 mM	0.5136 mL	2.568 mL	5.136 mL
10 mM	0.2568 mL	1.284 mL	2.568 mL
50 mM	0.0514 mL	0.2568 mL	0.5136 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

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