

## Antitumor agent-100

## Chemical Properties

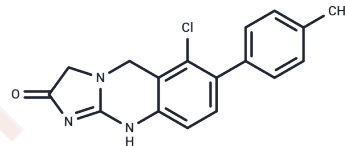
CAS No. : 2841750-32-9

Formula: C<sub>17</sub>H<sub>14</sub>ClN<sub>3</sub>O

Molecular Weight: 311.77

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-100 (compound A6) is a molecular gel and apoptosis inducer targeting PDE3A-SLFN12 with an IC <sub>50</sub> of 0.3 μM, demonstrating potent antitumor activity. This orally available agent binds to the PDE3A enzyme pocket, recruiting and stabilizing SLFN12 which disrupts protein translation and induces apoptosis [1].
Targets(IC <sub>50</sub> )	Apoptosis,PDE

## Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	3.2075 mL	16.0375 mL	32.0749 mL
5 mM	0.6415 mL	3.2075 mL	6.415 mL
10 mM	0.3207 mL	1.6037 mL	3.2075 mL
50 mM	0.0641 mL	0.3207 mL	0.6415 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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