

Antitumor agent-81

Chemical Properties

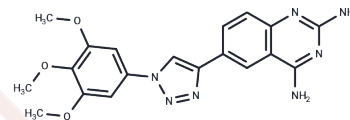
CAS No. : 2765180-17-2

Formula: C19H19N7O3

Molecular Weight: 393.4

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-81, a P62-RNF168 agonist with low cytotoxicity, enhances the P62-RNF168 interaction, leading to decreased RNF168-mediated H2A ubiquitination and impaired homologous recombination-mediated DNA repair. Additionally, it exhibits dose-dependent inhibition of xenograft tumor growth in mice.
Targets(IC50)	Apoptosis,Others,E1/E2/E3 Enzyme,p62

Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	2.5419 mL	12.7097 mL	25.4194 mL
5 mM	0.5084 mL	2.5419 mL	5.0839 mL
10 mM	0.2542 mL	1.271 mL	2.5419 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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