

Antitumor agent-36

Chemical Properties

CAS No. :

Formula: C₃₂H₃₀Cl₂N₂O₆Pt

Molecular Weight: 804.58

Storage: Keep away from direct sunlight, The compound is unstable in solution. Please use soon
 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-36 exhibits strong anti-proliferative and anti-metastasis capabilities, causing significant DNA damage that results in elevated levels of γ -H2AX and p53. It promotes tumor cell apoptosis via the mitochondrial apoptotic pathway involving Bcl-2/Bax/caspase3 and enhances immune response by inhibiting PD-L1 expression, thereby increasing CD3+ and CD8+ T cell infiltration in tumor tissues [1].
Targets(IC50)	Apoptosis, Others

Solubility Information

Solubility	DMSO: Soluble, DMSO inactivates the activity of Antitumor agent-36. (< 1 mg/ml refers to the product slightly soluble or insoluble)
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Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	1.2429 mL	6.2144 mL	12.4288 mL
5 mM	0.2486 mL	1.2429 mL	2.4858 mL
10 mM	0.1243 mL	0.6214 mL	1.2429 mL
50 mM	0.0249 mL	0.1243 mL	0.2486 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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