

Antitumor agent-37

Chemical Properties

CAS No. :

Formula: C₁₆H₁₈Cl₂N₂O₄Pt

Molecular Weight: 568.32

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-37 exhibits potent anti-proliferative and anti-metastatic effects. antitumor agent-37 induces severe DNA damage, leading to high expression of γ -H2AX and p53. antitumor agent-37 induces apoptosis by exploiting the mitochondrial apoptosis pathway Bcl-2/Bax/caspase3. Antitumor agent-37 inhibits PD-L1 expression, increases CD3+ and CD8+ T-infiltrating cells in tumour tissue and significantly improves the immune response.
Targets(IC50)	Apoptosis,Others

Solubility Information

Solubility	DMSO: Slightly soluble, DMSO inactivates the activity of Antitumor agent-37. (< 1 mg/ml refers to the product slightly soluble or insoluble)
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Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	1.7596 mL	8.7979 mL	17.5957 mL
5 mM	0.3519 mL	1.7596 mL	3.5191 mL
10 mM	0.176 mL	0.8798 mL	1.7596 mL
50 mM	0.0352 mL	0.176 mL	0.3519 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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