

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

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|------------|---|
| 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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