

STAT3-IN-40

Chemical Properties

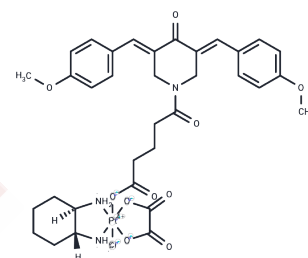
CAS No. : 3053241-01-0

Formula: C₃₄H₄₀ClN₃O₁₀Pt

Molecular Weight: 881.232

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	STAT3-IN-40 (Compound 8b) is an anticancer agent. It initiates immune responses in CD4+ and CD8+ T lymphocytes by inhibiting the expression and phosphorylation of STAT3, and induces ferroptosis and apoptosis in tumor cells. STAT3-IN-40 is valuable for research into cancer chemoimmunotherapy drugs.
Targets(IC50)	Apoptosis, Ferroptosis, STAT

Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	1.1348 mL	5.6739 mL	11.3478 mL
5 mM	0.227 mL	1.1348 mL	2.2696 mL
10 mM	0.1135 mL	0.5674 mL	1.1348 mL
50 mM	0.0227 mL	0.1135 mL	0.227 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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