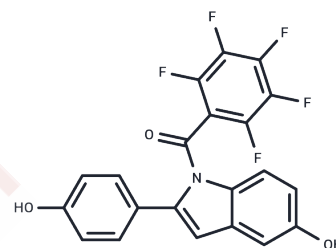


GP130-IN-1

Chemical Properties

CAS No. : 2955243-69-1
 Formula: C₂₁H₁₀F₅NO₃
 Molecular Weight: 419.30
 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	GP130-IN-1 (compound 49) is an effective inhibitor of GP130, demonstrating significant in vitro anti-tumor activity and higher selectivity compared to Bazedoxifene. It induces ultrastructural changes in cells, leading to a time-dependent arrest of the cell cycle at the G ₀ /G ₁ phase, and triggers both apoptosis and autophagy. GP130-IN-1 is useful for research on triple-negative breast cancer.
Targets(IC50)	Apoptosis, Autophagy, Interleukin

Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	2.3849 mL	11.9246 mL	23.8493 mL
5 mM	0.477 mL	2.3849 mL	4.7699 mL
10 mM	0.2385 mL	1.1925 mL	2.3849 mL
50 mM	0.0477 mL	0.2385 mL	0.477 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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