

HS-345

Chemical Properties

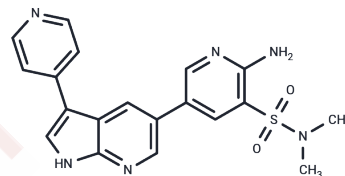
CAS No. : 1462329-41-4

Formula: C₁₉H₁₈N₆O₂S

Molecular Weight: 394.45

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	HS-345, a TrkA/Akt inhibitor, exhibits potent anti-pancreatic cancer properties. This compound inhibits the growth and proliferation of pancreatic cancer cells by blocking the TrkA/Akt signaling pathway and induces cell apoptosis (Apoptosis). Additionally, HS-345 inhibits angiogenesis by reducing the expression of HIF-1 α and VEGF. It holds promise for use in pancreatic cancer research.
Targets(IC50)	Akt,Trk receptor

Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	2.5352 mL	12.6759 mL	25.3518 mL
5 mM	0.507 mL	2.5352 mL	5.0704 mL
10 mM	0.2535 mL	1.2676 mL	2.5352 mL
50 mM	0.0507 mL	0.2535 mL	0.507 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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