

AXL/Angiokinase-IN-1

Chemical Properties

CAS No. :

Formula: C₃₁H₃₄ClN₅O₂

Molecular Weight: 544.09

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	AXL/Angiokinase-IN-1 (compound 11b) is an inhibitor of AXL/triple angiokinase, with an IC ₅₀ of 3.75 nM for AXL expression. This compound suppresses epithelial-mesenchymal transition (EMT) in Bxpc-3 cells and prevents metastasis in lung cancer cells. Additionally, AXL/Angiokinase-IN-1 impairs the functions of vascular and fibroblast cells and induces apoptosis in both cancer and fibroblast cells. It is characterized by low toxicity and favorable metabolic stability.
Targets(IC ₅₀)	Apoptosis,FGFR,PDGFR,VEGFR

Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	1.8379 mL	9.1897 mL	18.3793 mL
5 mM	0.3676 mL	1.8379 mL	3.6759 mL
10 mM	0.1838 mL	0.919 mL	1.8379 mL
50 mM	0.0368 mL	0.1838 mL	0.3676 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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