

ALK-IN-23

Chemical Properties

CAS No. :

Formula: C₂₆H₂₉ClN₈O₃S

Molecular Weight: 569.08

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	ALK-IN-23 is a potent ALK inhibitor, targeting ALKWT (IC ₅₀ : 1.6 nM), ALKL1196M (IC ₅₀ : 0.71 nM), and ALKG1202R (IC ₅₀ : 1.3 nM). It inhibits cancer cell migration and colony formation in vitro. In the H2228 xenograft nude mouse model, ALK-IN-23 demonstrated good anti-tumor effects with low toxicity.
Targets(IC ₅₀)	Others,ALK

Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	1.7572 mL	8.7861 mL	17.5722 mL
5 mM	0.3514 mL	1.7572 mL	3.5144 mL
10 mM	0.1757 mL	0.8786 mL	1.7572 mL
50 mM	0.0351 mL	0.1757 mL	0.3514 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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