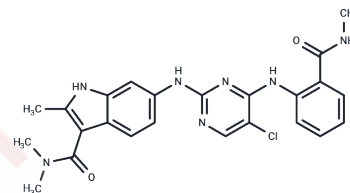


ALK-IN-22

Chemical Properties

CAS No. :	2468219-09-0
Formula:	C ₂₄ H ₂₄ ClN ₇ O ₂
Molecular Weight:	477.95
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-22 (compound I-24) is a potent ALK inhibitor with an IC ₅₀ of 2.3 nM for ALK, 3.7 nM for ALKL1196M, and 2.9 nM for ALKG1202R. It down-regulates phosphorylation of ALK and its downstream proteins, inducing apoptosis. ALK-IN-22 is suitable for studying tumors.
Targets(IC ₅₀)	Apoptosis,Others,ALK

Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	2.0923 mL	10.4613 mL	20.9227 mL
5 mM	0.4185 mL	2.0923 mL	4.1845 mL
10 mM	0.2092 mL	1.0461 mL	2.0923 mL
50 mM	0.0418 mL	0.2092 mL	0.4185 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

This product is for Research Use Only · Not for Human or Veterinary or Therapeutic Use

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