

ALM301

Chemical Properties

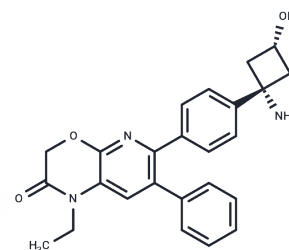
CAS No. : 1313439-71-2

Formula: C₂₅H₂₅N₃O₃

Molecular Weight: 415.48

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	ALM301 is a highly specific, orally active AKT inhibitor that acts on AKT1 (IC ₅₀ : 0.13 μM), AKT2 (IC ₅₀ : 0.09 μM) and AKT3 (IC ₅₀ : 2.75 μM). ALM301 inhibits AKT phosphorylation in vitro and has a regulatory effect on downstream signalling. ALM301 exhibits inhibitory effects on cancer cell proliferation and tumor growth.
Targets(IC ₅₀)	Others,Akt

Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	2.4069 mL	12.0343 mL	24.0685 mL
5 mM	0.4814 mL	2.4069 mL	4.8137 mL
10 mM	0.2407 mL	1.2034 mL	2.4069 mL
50 mM	0.0481 mL	0.2407 mL	0.4814 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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