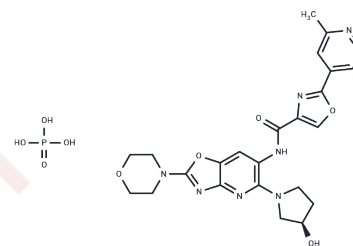


Emavusertib Phosphate

Chemical Properties

CAS No. :	2376399-38-9
Formula:	C ₂₄ H ₂₈ N ₇ O ₉ P
Molecular Weight:	589.49
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	Emavusertib Phosphate (also known as CA-4948) is a potent inhibitor of IRAK4 and FLT3, exhibiting antitumor activity. In ABC DLBCL and AML cell lines, it demonstrates significant cellular efficacy. Furthermore, CA-4948 shows moderate to high selectivity across a panel of 329 kinases and possesses favorable ADME and PK profiles, including good oral bioavailability in mice, rats, and dogs. It achieves over 90% tumor growth inhibition in relevant tumor models and correlates excellently with in vivo PD modulation.
Targets(IC50)	Apoptosis,FLT,NF-κB,IRAK,MyD88

Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	1.6964 mL	8.4819 mL	16.9638 mL
5 mM	0.3393 mL	1.6964 mL	3.3928 mL
10 mM	0.1696 mL	0.8482 mL	1.6964 mL
50 mM	0.0339 mL	0.1696 mL	0.3393 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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