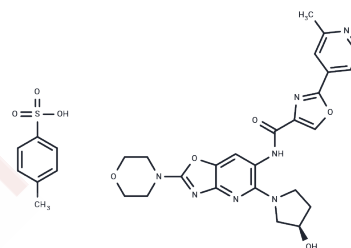


## Emavusertib Tosylate

## Chemical Properties

CAS No. :	2376399-41-4
Formula:	C31H33N7O8S
Molecular Weight:	663.7
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 Tosylate (also known as CA-4948) is a potent inhibitor of IRAK4/FLT3 with demonstrated antitumor activity. In cell lines such as ABC DLBCL and AML, CA-4948 exhibits strong cellular efficacy. Among 329 evaluated kinases, it shows medium to high selectivity. The compound has excellent oral bioavailability and favorable pharmacokinetic properties in ADME and PK profiles. In preclinical models involving mice, rats, and dogs, CA-4948 demonstrated good oral bioavailability and displayed over 90% tumor growth inhibition in relevant tumor models, correlating well with in vivo pharmacodynamic regulation.
Targets(IC50)	Apoptosis,FLT,NF-κB,IRAK,MyD88

## Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	1.5067 mL	7.5335 mL	15.067 mL
5 mM	0.3013 mL	1.5067 mL	3.0134 mL
10 mM	0.1507 mL	0.7534 mL	1.5067 mL
50 mM	0.0301 mL	0.1507 mL	0.3013 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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