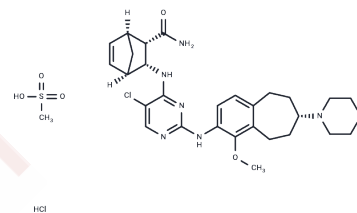


## CEP-28122 mesylate hydrochloride

## Chemical Properties

CAS No. :	1354545-57-5
Formula:	C <sub>29</sub> H <sub>40</sub> Cl <sub>2</sub> N <sub>6</sub> O <sub>6</sub> S
Molecular Weight:	671.64
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	CEP-28122 mesylate hydrochloride, a diaminopyrimidine derivative, is a potent, selective, and orally bioavailable ALK inhibitor with an IC <sub>50</sub> of 1.9 nM, exhibiting antitumor and good pharmacokinetic activity [1].
Targets(IC <sub>50</sub> )	ALK

## Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	1.4889 mL	7.4445 mL	14.8889 mL
5 mM	0.2978 mL	1.4889 mL	2.9778 mL
10 mM	0.1489 mL	0.7444 mL	1.4889 mL
50 mM	0.0298 mL	0.1489 mL	0.2978 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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