

## CEP-28122 mesylate salt

## Chemical Properties

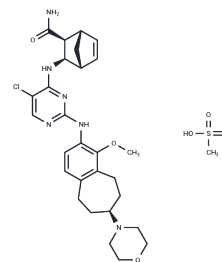
CAS No. :

Formula: C<sub>29</sub>H<sub>39</sub>ClN<sub>6</sub>O<sub>6</sub>S

Molecular Weight: 635.17

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 salt, a diaminopyrimidine derivative, is a potent, selective, and orally bioavailable ALK (anaplastic lymphoma kinase) inhibitor with an IC <sub>50</sub> value of 1.9 nM against recombinant ALK kinase activity. It shows antitumor efficacy in ALK-positive human cancer models and has favorable pharmacodynamic and pharmacokinetic profiles.
Targets(IC <sub>50</sub> )	Others,ALK

## Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	1.5744 mL	7.8719 mL	15.7438 mL
5 mM	0.3149 mL	1.5744 mL	3.1488 mL
10 mM	0.1574 mL	0.7872 mL	1.5744 mL
50 mM	0.0315 mL	0.1574 mL	0.3149 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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