

CEP-14513

Chemical Properties

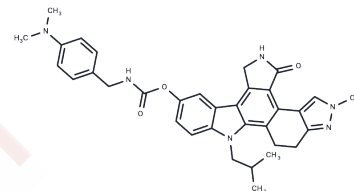
CAS No. : 856693-04-4

Formula: C₃₄H₃₆N₆O₃

Molecular Weight: 576.69

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-14513 is a potent ALK inhibitor. CEP-14513 displayed potent ALK inhibitory activity in both in vitro enzymatic assay (IC ₅₀ = 5 nM) and cell-based assays of ALK tyrosine phosphorylation (IC ₅₀ = 30 nM).
Targets(IC ₅₀)	Others

Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	1.734 mL	8.6702 mL	17.3403 mL
5 mM	0.3468 mL	1.734 mL	3.4681 mL
10 mM	0.1734 mL	0.867 mL	1.734 mL
50 mM	0.0347 mL	0.1734 mL	0.3468 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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