

CD 10899

Chemical Properties

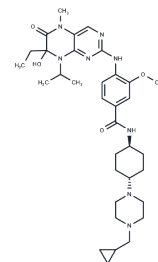
CAS No. : 1331770-20-7

Formula: C34H50N8O4

Molecular Weight: 634.81

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	CD 10899, a hydroxylated metabolite of Volasertib, is pharmacologically active against Polo-like kinase 1 (PLK1) with an IC50 of 6 nM. Volasertib is an orally active, highly potent, and ATP-competitive PLK1 inhibitor. CD 10899 can be used for cancer research [1].
Targets(IC50)	PLK

Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	1.5753 mL	7.8764 mL	15.7527 mL
5 mM	0.3151 mL	1.5753 mL	3.1505 mL
10 mM	0.1575 mL	0.7876 mL	1.5753 mL
50 mM	0.0315 mL	0.1575 mL	0.3151 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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