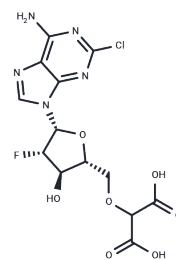


BK50164

## Chemical Properties

CAS No. : 2204291-78-9  
 Formula: C<sub>13</sub>H<sub>13</sub>ClFN<sub>5</sub>O<sub>7</sub>  
 Molecular Weight: 405.72  
 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	BK50164, a potent CD73 inhibitor, exhibits an IC <sub>50</sub> of 13.089 μM and demonstrates affinity for CD99 with a K <sub>D</sub> value of 1.5 μM. This compound not only possesses antiproliferative activity but also induces apoptosis and cell cycle arrest at the Sub-G1 phase [1].
Targets(IC <sub>50</sub> )	Apoptosis,Others,CD73

## Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	2.4648 mL	12.3238 mL	24.6475 mL
5 mM	0.493 mL	2.4648 mL	4.9295 mL
10 mM	0.2465 mL	1.2324 mL	2.4648 mL
50 mM	0.0493 mL	0.2465 mL	0.493 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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