

## CDK7-IN-26

## Chemical Properties

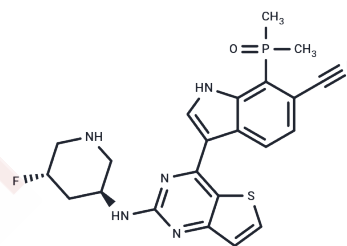
CAS No. : 3024545-79-4

Formula: C22H22FN6OPS

Molecular Weight: 468.49

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	CDK7-IN-26 (compound 36) is an orally active CDK7 inhibitor with an IC50 of 7.4 nM. The compound effectively suppresses the growth of xenograft tumors derived from triple-negative breast cancer (TNBC) cell lines in vivo and has an IC50 of 0.15 $\mu$ M for inhibiting MDA-MB-453 cells in vitro.
Targets(IC50)	CDK

## Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	2.1345 mL	10.6726 mL	21.3452 mL
5 mM	0.4269 mL	2.1345 mL	4.269 mL
10 mM	0.2135 mL	1.0673 mL	2.1345 mL
50 mM	0.0427 mL	0.2135 mL	0.4269 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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