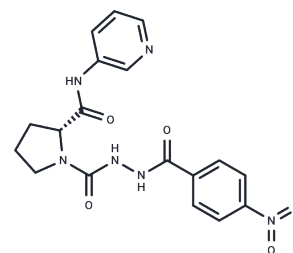


CDK4/6-IN-8

Chemical Properties

CAS No. : 2649120-22-7
Formula: C₁₈H₁₈N₆O₅
Molecular Weight: 398.37
Appearance: no data available
Storage: Powder: -20°C for 3 years | In solvent: -80°C for 1 year



Biological Description

Description	CDK4/6-IN-8 (Compound 7p) is a selective inhibitor of CDK4 (IC ₅₀ =5.01 nM) and CDK6 (IC ₅₀ =3.97 nM).
In vitro	CDK4/6-IN-8 (Compound 7p) (0-656.1 μM, 48 h) shows anti-breast cancer activity [1]. Cell Viability Assay [1] Cell Line: MCF-7 Concentration: 0.1, 0.3, 0.9, 2.7, 8.1, 24.3, 72.9, 218.7 and 656.1 μM Incubation Time: 48 h Result: Inhibited cell viability with an IC 50 of 2.8 μM.

Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	2.5102 mL	12.5511 mL	25.1023 mL
5 mM	0.502 mL	2.5102 mL	5.0205 mL
10 mM	0.251 mL	1.2551 mL	2.5102 mL
50 mM	0.0502 mL	0.251 mL	0.502 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.

Inhibitor · Natural Compounds · Compound Libraries · Recombinant Proteins

This product is for Research Use Only· Not for Human or Veterinary or Therapeutic Use

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