

CDK4/6-IN-15

Chemical Properties

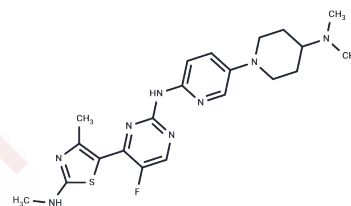
CAS No. : 2078047-99-9

Formula: C₂₁H₂₇N₈S

Molecular Weight: 442.56

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	CDK4/6-IN-15, an orally active and selective inhibitor of CDK4/6, effectively halts the growth of cancer cells by arresting the cell cycle at the G1 phase and inhibiting the phosphorylation of the retinoblastoma tumor suppressor protein (Rb) at S780, as well as suppressing E2 factor (E2F)-regulated gene expression.
Targets(IC50)	Others,CDK

Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	2.2596 mL	11.2979 mL	22.5958 mL
5 mM	0.4519 mL	2.2596 mL	4.5192 mL
10 mM	0.226 mL	1.1298 mL	2.2596 mL
50 mM	0.0452 mL	0.226 mL	0.4519 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

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

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