

FAK-IN-15

Chemical Properties

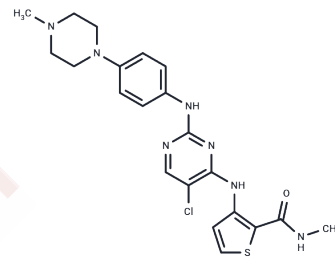
CAS No. :

Formula: C₂₁H₂₄ClN₇O₂

Molecular Weight: 457.98

Storage: Keep away from moisture, Store at low temperature
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	FAK-IN-15 is a highly potent focal adhesion kinase (FAK) inhibitor with antitumor activity.
Targets(IC50)	FAK
In vitro	FAK-IN-15 exhibited antitumor activity with an IC50 value of 1.033 μ M against U87-MG cells. [1]

Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	2.1835 mL	10.9175 mL	21.835 mL
5 mM	0.4367 mL	2.1835 mL	4.367 mL
10 mM	0.2184 mL	1.0918 mL	2.1835 mL
50 mM	0.0437 mL	0.2184 mL	0.4367 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.

Reference

Long Z, et al. Design, synthesis and biological evaluation of 4-arylamino-pyrimidine derivatives as focal adhesion kinase inhibitors. *Bioorg Chem.* 2023 Nov;140:106792.

Inhibitor · Natural Compounds · Compound Libraries · Recombinant Proteins

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