

FAK-IN-24

Chemical Properties

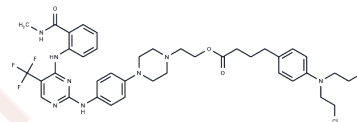
CAS No. : 3062175-62-3

Formula: C₃₉H₄₅Cl₂F₃N₈O₃

Molecular Weight: 801.728

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	FAK-IN-24 (Compound 9f) is a potent FAK inhibitor with an IC ₅₀ of 0.815 nM. It induces DNA damage and apoptosis, and exhibits activity against glioblastoma. FAK-IN-24 effectively inhibits proliferation of glioblastoma cell lines U87-MG (IC ₅₀ = 15 nM) and U251 (IC ₅₀ = 20 nM), and suppresses tumor growth in U87-MG xenograft models.
Targets(IC ₅₀)	Apoptosis,FAK

Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	1.2473 mL	6.2365 mL	12.473 mL
5 mM	0.2495 mL	1.2473 mL	2.4946 mL
10 mM	0.1247 mL	0.6237 mL	1.2473 mL
50 mM	0.0249 mL	0.1247 mL	0.2495 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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