

ERK-IN-2 free base

Chemical Properties

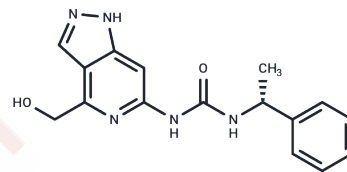
CAS No. : 2743576-55-6

Formula: C₁₆H₁₇N₅O₂

Molecular Weight: 311.34

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	ERK-IN-2 free base, an inhibitor of ERK2, demonstrates potent efficacy with an IC ₅₀ value of 1.8 nM. However, doses exceeding 10 μM may result in off-target toxicity and/or activity.
Targets(IC ₅₀)	ERK,Others

Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	3.2119 mL	16.0596 mL	32.1192 mL
5 mM	0.6424 mL	3.2119 mL	6.4238 mL
10 mM	0.3212 mL	1.606 mL	3.2119 mL
50 mM	0.0642 mL	0.3212 mL	0.6424 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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