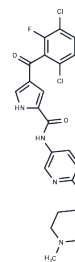


ERK5-IN-3

## Chemical Properties

CAS No. : 1888305-85-8  
 Formula: C<sub>24</sub>H<sub>23</sub>Cl<sub>2</sub>FN<sub>4</sub>O<sub>2</sub>  
 Molecular Weight: 489.37  
 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	ERK5-IN-3 is a selective and potent inhibitor of ERK5 (extracellular signal-associated kinase 5) (IC <sub>50</sub> : 6 nM). ERK5-IN-3 exhibits anti-proliferative effects on Hela cells (IC <sub>50</sub> : 31 nM).
Targets(IC <sub>50</sub> )	ERK,Others

## Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	2.0434 mL	10.2172 mL	20.4344 mL
5 mM	0.4087 mL	2.0434 mL	4.0869 mL
10 mM	0.2043 mL	1.0217 mL	2.0434 mL
50 mM	0.0409 mL	0.2043 mL	0.4087 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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