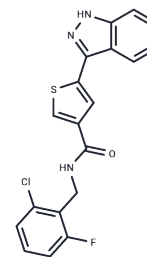


XMU-MP-9

## Chemical Properties

CAS No. : 2251130-41-1  
 Formula: C<sub>19</sub>H<sub>13</sub>ClFN<sub>3</sub>O<sub>3</sub>  
 Molecular Weight: 385.84  
 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	XMU-MP-9, a bifunctional compound, targets the C2 domain of Nedd4-1 and the allosteric site of K-Ras. It enhances the interaction and induces conformational changes within the Nedd4-1/K-Ras complex. Furthermore, XMU-MP-9 facilitates the ubiquitination and degradation of various K-Ras mutants and inhibits the proliferation of cells with these mutants. This compound is useful in cancer research.
Targets(IC50)	Ras

## Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	2.5917 mL	12.9587 mL	25.9175 mL
5 mM	0.5183 mL	2.5917 mL	5.1835 mL
10 mM	0.2592 mL	1.2959 mL	2.5917 mL
50 mM	0.0518 mL	0.2592 mL	0.5183 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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