

p38 $\alpha$ -MK2-IN-1

## Chemical Properties

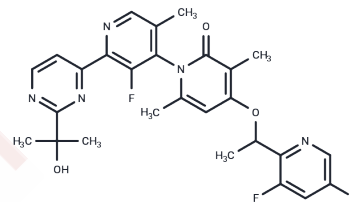
CAS No. : 3031770-03-0

Formula: C<sub>27</sub>H<sub>26</sub>F<sub>3</sub>N<sub>5</sub>O<sub>3</sub>

Molecular Weight: 525.522

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	p38 $\alpha$ -MK2-IN-1 (Compound 36) is an inhibitor of the p38 $\alpha$ -MK2 complex, with an IC <sub>50</sub> of 5 nM. This compound exhibits significant anti-inflammatory properties and has the ability to aid in joint repair.
Targets(IC <sub>50</sub> )	MAPK,p38 MAPK

## Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	1.9029 mL	9.5144 mL	19.0288 mL
5 mM	0.3806 mL	1.9029 mL	3.8058 mL
10 mM	0.1903 mL	0.9514 mL	1.9029 mL
50 mM	0.0381 mL	0.1903 mL	0.3806 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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