

FS-694

## Chemical Properties

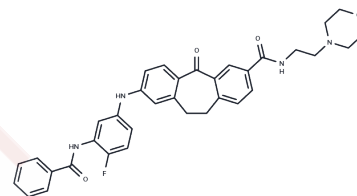
CAS No. : 1417404-27-3

Formula: C<sub>35</sub>H<sub>33</sub>FN<sub>4</sub>O<sub>4</sub>

Molecular Weight: 592.659

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	FS-694 is an inhibitor of p38 $\alpha$ , with an IC <sub>50</sub> value of 0.2 nM. It can also suppress the release of TNF $\alpha$ in human whole blood, exhibiting an IC <sub>50</sub> of 35.0 nM.
Targets(IC <sub>50</sub> )	p38 MAPK

## Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	1.6873 mL	8.4365 mL	16.8731 mL
5 mM	0.3375 mL	1.6873 mL	3.3746 mL
10 mM	0.1687 mL	0.8437 mL	1.6873 mL
50 mM	0.0337 mL	0.1687 mL	0.3375 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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Tel: 781-999-4286 E\_mail: info@targetmol.com Address: 34 Washington Street, Wellesley Hills, MA 02481