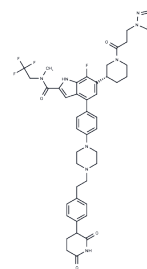


## KT621 Analog 5

## Chemical Properties

CAS No. :	3077466-24-8
Formula:	C <sub>46</sub> H <sub>50</sub> F <sub>4</sub> N <sub>8</sub> O <sub>4</sub>
Molecular Weight:	854.93
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	KT621 Analog 5 also measured the DC50 value of STAT6 to be > 1 $\mu$ M through the Meso Scale Discovery Assay (MSDA) method. This detection was obtained after culturing the human cell line A549 at 37°C for 24 hours.
Targets(IC50)	STAT

## Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	1.1697 mL	5.8484 mL	11.6969 mL
5 mM	0.2339 mL	1.1697 mL	2.3394 mL
10 mM	0.117 mL	0.5848 mL	1.1697 mL
50 mM	0.0234 mL	0.117 mL	0.2339 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.

## Reference

Yang, Bin at al. Stat6 degraders and uses thereof. WO2025049820 A1

Inhibitor · Natural Compounds · Compound Libraries · Recombinant Proteins

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