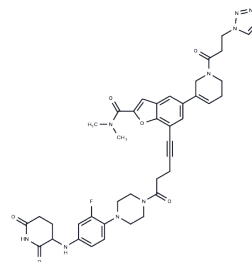


## KT621 Analog 3

## Chemical Properties

CAS No. :	3077464-49-1
Formula:	C41H44FN9O6
Molecular Weight:	777.84
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	KT621 Analog 3 measured the DC50 value of STAT6 within the range of 0.1 - 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	1.2856 mL	6.4281 mL	12.8561 mL
5 mM	0.2571 mL	1.2856 mL	2.5712 mL
10 mM	0.1286 mL	0.6428 mL	1.2856 mL
50 mM	0.0257 mL	0.1286 mL	0.2571 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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