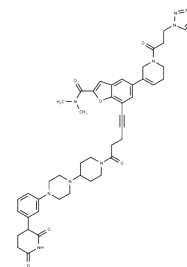


KT621 Analog 4

Chemical Properties

CAS No. :	3077464-57-1
Formula:	C ₄₆ H ₅₃ N ₉ O ₆
Molecular Weight:	827.97
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 4 also measured the DC50 value of STAT6 to be > 1 μ M through the Meso Scale Discovery Assay (MSDA) method. This detection was derived after culturing the human cell line A549 at 37°C for 24 hours.
Targets(IC50)	STAT

Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	1.2078 mL	6.0389 mL	12.0777 mL
5 mM	0.2416 mL	1.2078 mL	2.4155 mL
10 mM	0.1208 mL	0.6039 mL	1.2078 mL
50 mM	0.0242 mL	0.1208 mL	0.2416 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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