

LNK01004

## Chemical Properties

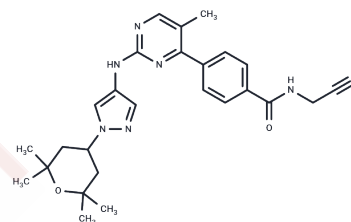
CAS No. : 2445500-24-1

Formula: C<sub>26</sub>H<sub>31</sub>N<sub>7</sub>O<sub>2</sub>

Molecular Weight: 473.57

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	LNK01004 is a JAK inhibitor that exhibits potent inhibitory effects on JAK1 (IC <sub>50</sub> : 10 nM), JAK2 (IC <sub>50</sub> : < 0.51 nM), and TYK2 (IC <sub>50</sub> : 1.0 nM). It can concurrently inhibit multiple cytokine-induced p-STAT signaling pathways and is applicable for research on diseases such as atopic dermatitis.
Targets(IC <sub>50</sub> )	STAT,JAK

## Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	2.1116 mL	10.5581 mL	21.1162 mL
5 mM	0.4223 mL	2.1116 mL	4.2232 mL
10 mM	0.2112 mL	1.0558 mL	2.1116 mL
50 mM	0.0422 mL	0.2112 mL	0.4223 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

This product is for Research Use Only · Not for Human or Veterinary or Therapeutic Use

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