

JAK-IN-19

## Chemical Properties

CAS No. :

Formula: C<sub>26</sub>H<sub>36</sub>FN<sub>5</sub>O<sub>2</sub>

Molecular Weight: 469.59

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	JAK-IN-19 is a potent JAK inhibitor with pIC <sub>50</sub> values of 7.2 for PBMC (IFN $\gamma$ ) and 7.7 for HLF (Eotaxin). The compound also exhibits pIC <sub>50</sub> values of 7.0 for VEGFR2 and 5.8 for Aurora B.
Targets(IC <sub>50</sub> )	Others,JAK

## Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	2.1295 mL	10.6476 mL	21.2952 mL
5 mM	0.4259 mL	2.1295 mL	4.259 mL
10 mM	0.213 mL	1.0648 mL	2.1295 mL
50 mM	0.0426 mL	0.213 mL	0.4259 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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