

JAK3-IN-17

Chemical Properties

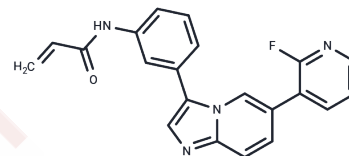
CAS No. :

Formula: C₂₁H₁₅FN₄O

Molecular Weight: 358.37

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	JAK3-IN-17 is an orally active JAK3 inhibitor with an IC ₅₀ of 14.56 nM. It demonstrates anti-inflammatory activity by inhibiting the production of IL-2 and IL-6 in a DNCB-induced mouse model of atopic dermatitis.
Targets(IC ₅₀)	JAK

Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	2.7904 mL	13.9521 mL	27.9041 mL
5 mM	0.5581 mL	2.7904 mL	5.5808 mL
10 mM	0.279 mL	1.3952 mL	2.7904 mL
50 mM	0.0558 mL	0.279 mL	0.5581 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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