

JAK1/TYK2-IN-4

Chemical Properties

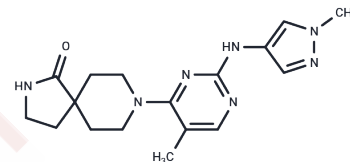
CAS No. : 2734918-33-1

Formula: C₁₇H₂₃N₇O

Molecular Weight: 341.41

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 | JAK1/TYK2-IN-4 serves as a dual inhibitor targeting both JAK and TYK2, displaying IC ₅₀ values of 39 nM and 21 nM, respectively. It is also orally bioavailable [1]. |
| Targets(IC ₅₀) | JAK |

Preparing Stock Solutions

| | 1mg | 5mg | 10mg |
|-------|-----------|------------|------------|
| 1 mM | 2.929 mL | 14.6451 mL | 29.2903 mL |
| 5 mM | 0.5858 mL | 2.929 mL | 5.8581 mL |
| 10 mM | 0.2929 mL | 1.4645 mL | 2.929 mL |
| 50 mM | 0.0586 mL | 0.2929 mL | 0.5858 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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Tel: 781-999-4286 E_mail: info@targetmol.com Address: 34 Washington Street, Wellesley Hills, MA 02481