

Product Data Sheet

Product Name: JAK-IN-26

Cat. No.: GC73475

Chemical Properties

Cas. No. 2417134-93-9

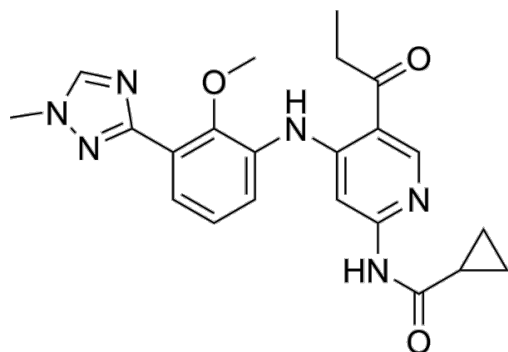
Formula $C_{22}H_{24}N_6O_3$ M.Wt 420.46

Solubility DMSO : 100 mg/mL (237.83 mM; Storage -20°C
Need ultrasonic)

General tips For obtaining a higher solubility , please warm the tube at 37 °C and shake it in the ultrasonic bath for a while. Stock solution can be stored below -20°C for several months.

Shipping Condition Evaluation sample solution : ship with blue ice All other available size: ship with RT , or blue ice upon request.

Structure



Background

JAK-IN-26 (compound 2) is an orally active JAK inhibitor with good pharmacokinetic characteristics.

Caution: Product has not been fully validated for medical applications. For research use only.

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JAK-IN-26 inhibits IFN- α 2B-induced phosphorylation of STAT3 in Jurkat cells (IC₅₀=17.2 nM).

References:

[1]. Zhou M, et al. Pyridine derivatives as TYK2 kinase inhibitors and preparation thereof. China, CN113563309 A 2021-10-29.

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