

Bayer-18

Chemical Properties

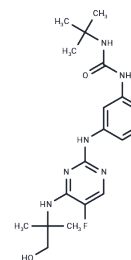
CAS No. : 1251752-12-1

Formula: C₁₉H₂₇FN₆O₂

Molecular Weight: 390.46

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	Bayer-18 is an inhibitor of TYK2. It inhibits the viability of anaplastic large cell lymphoma cells, including K299, SR786, Mac1, and Mac2a, with an IC ₅₀ ranging from 2-3 μM. Additionally, Bayer-18 induces apoptosis in K299 and SR786 cells.
Targets(IC ₅₀)	Apoptosis,JAK

Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	2.5611 mL	12.8054 mL	25.6108 mL
5 mM	0.5122 mL	2.5611 mL	5.1222 mL
10 mM	0.2561 mL	1.2805 mL	2.5611 mL
50 mM	0.0512 mL	0.2561 mL	0.5122 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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