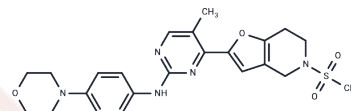


JAK2-IN-4

Chemical Properties

CAS No. : 1438284-00-4
 Formula: C₂₃H₂₇N₅O₄S
 Molecular Weight: 469.56
 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	JAK2-IN-4 is a selective JAK2/JAK3 inhibitor, with IC ₅₀ values of 0.7 nM and 23.2 nM for JAK2 and JAK3, respectively.
Targets(IC ₅₀)	JAK

Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	2.1297 mL	10.6483 mL	21.2965 mL
5 mM	0.4259 mL	2.1297 mL	4.2593 mL
10 mM	0.213 mL	1.0648 mL	2.1297 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.

Reference

Wang Y, et al. Identification of 4-(2-furanyl)pyrimidin-2-amines as Janus kinase 2 inhibitors. Bioorg Med Chem. 2017 Jan 1;25(1):75-83.

Inhibitor · Natural Compounds · Compound Libraries · Recombinant Proteins

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