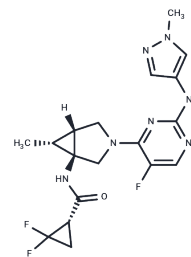


JAK1/TYK2-IN-1

Chemical Properties

CAS No. :	1883300-48-8
Formula:	C ₁₈ H ₂₀ F ₃ N ₇ O
Molecular Weight:	407.401
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-1 is a dual inhibitor of TYK2 [IC ₅₀ = 29 nM] and JAK1 (IC ₅₀ = 41 nM).
Targets(IC ₅₀)	Others,JAK

Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	2.4546 mL	12.273 mL	24.5459 mL
5 mM	0.4909 mL	2.4546 mL	4.9092 mL
10 mM	0.2455 mL	1.2273 mL	2.4546 mL
50 mM	0.0491 mL	0.2455 mL	0.4909 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

Fensome A, et al. Design and optimization of a series of 4-(3-azabicyclo[3.1.0]hexan-3-yl)pyrimidin-2-amines: Dual inhibitors of TYK2 and JAK1. *Bioorg Med Chem.* 2020 May 15;28(10):115481.

Inhibitor · Natural Compounds · Compound Libraries · Recombinant Proteins

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