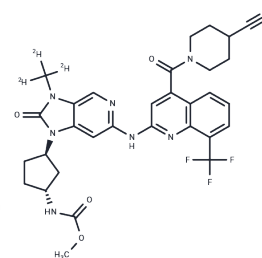


JAK2-IN-11

Chemical Properties

CAS No. : 3057053-17-2
 Formula: C₃₁H₃₁F₃N₈O₄
 Molecular Weight: 639.64
 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-11 is a JAK2 kinase inhibitor with potent antitumor activity, exhibiting an IC ₅₀ of ≤10 nM against JH2 BIND WT/V617F. This compound effectively suppresses tumor growth.
Targets(IC ₅₀)	JAK

Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	1.5634 mL	7.8169 mL	15.6338 mL
5 mM	0.3127 mL	1.5634 mL	3.1268 mL
10 mM	0.1563 mL	0.7817 mL	1.5634 mL
50 mM	0.0313 mL	0.1563 mL	0.3127 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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