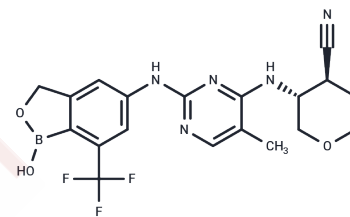


JAK1/2-IN-1

Chemical Properties

CAS No. :	3023876-01-6
Formula:	C ₁₉ H ₁₉ BF ₃ N ₅ O ₃
Molecular Weight:	433.19
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	JAK1/2-IN-1 is a potent inhibitor of JAK1 and JAK2, with IC ₅₀ values of 0.4 nM and 8.1 nM, respectively. Additionally, JAK1/2-IN-1 inhibits IL-4 and IL-13, with IC ₅₀ values of 136.5 nM and 19.1 nM, respectively (WO2023244775A1; Example 33a).
Targets(IC ₅₀)	Interleukin,JAK

Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	2.3085 mL	11.5423 mL	23.0846 mL
5 mM	0.4617 mL	2.3085 mL	4.6169 mL
10 mM	0.2308 mL	1.1542 mL	2.3085 mL
50 mM	0.0462 mL	0.2308 mL	0.4617 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

This product is for Research Use Only · Not for Human or Veterinary or Therapeutic Use

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