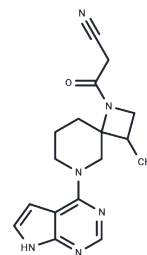


JAK3-IN-7

Chemical Properties

CAS No. :	1263774-57-7
Formula:	C ₁₇ H ₂₀ N ₆ O
Molecular Weight:	324.38
Storage:	Store at low temperature Powder: -20°C for 3 years In solvent: -80°C for 1 year <small>Actual storage temperature shall be subject to the COA.</small>



Biological Description

Description	JAK3-IN-7 is a potent and selective JAK3 inhibitor (IC ₅₀ <0.01 μM) intended for the treatment of organ transplantation rejection, graft-versus-host reaction post-transplantation, autoimmune disorders, allergic diseases, and chronic myeloproliferative disorders.
Targets(IC ₅₀)	JAK

Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	3.0828 mL	15.414 mL	30.828 mL
5 mM	0.6166 mL	3.0828 mL	6.1656 mL
10 mM	0.3083 mL	1.5414 mL	3.0828 mL
50 mM	0.0617 mL	0.3083 mL	0.6166 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

NOJI, Satoru, et al. NITROGEN-CONTAINING SPIRO-RING COMPOUND AND MEDICINAL USE OF SAME. WO2011013785A1.

Inhibitor · Natural Compounds · Compound Libraries · Recombinant Proteins

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