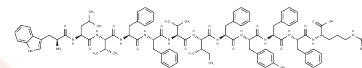


Tkip

Chemical Properties

CAS No. :	716361-65-8
Formula:	C93H118N16O14
Molecular Weight:	1684.03
Storage:	Keep away from moisture 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	Tkip is a specific inhibitor of JAK2. It binds to the autophosphorylation site of JAK2, thereby inhibiting JAK2 autophosphorylation and the phosphorylation of the IFN- γ receptor subunit IFNGR-1. Tkip can suppress the antiviral activity of IFN- γ and the expression of MHC class I molecules. Tkip is applicable in studies related to the IFN- γ signaling pathway.
Targets(IC50)	JAK,MHC

Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	0.5938 mL	2.9691 mL	5.9381 mL
5 mM	0.1188 mL	0.5938 mL	1.1876 mL
10 mM	0.0594 mL	0.2969 mL	0.5938 mL
50 mM	0.0119 mL	0.0594 mL	0.1188 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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