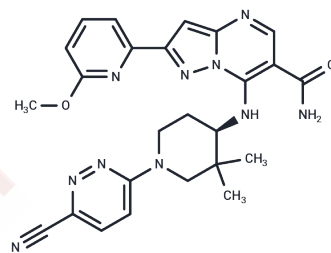


JAK-IN-39

Chemical Properties

CAS No. : 2250013-34-2
 Formula: C₂₅H₂₆N₁₀O₂
 Molecular Weight: 498.54
 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	JAK-IN-39 (compound 11) is a JAK inhibitor with IC ₅₀ values of 0.05 nM for JAK1, 1.18 nM for JAK2, and 0.03 nM for JAK3. It reduces cell viability in TF-1 cells and inhibits the production of TNF α and INF γ in lymphocytes in vitro.
Targets(IC ₅₀)	JAK, TNF

Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	2.0059 mL	10.0293 mL	20.0586 mL
5 mM	0.4012 mL	2.0059 mL	4.0117 mL
10 mM	0.2006 mL	1.0029 mL	2.0059 mL
50 mM	0.0401 mL	0.2006 mL	0.4012 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

Tel: 781-999-4286 E_mail: info@targetmol.com Address: 34 Washington Street, Wellesley Hills, MA 02481