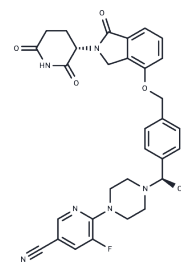


Immuno modulator-1

Chemical Properties

CAS No. :	2757469-20-6
Formula:	C32H31FN6O4
Molecular Weight:	582.62
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	Immuno modulator-1 (compound 22) effectively suppresses the secretion of TNF α and IL-2 in human peripheral blood mononuclear cells (hPBMC), with IC50 values of 4.7 nM and 26 nM, respectively, and exhibits a 20% inhibitory effect on the hERG potassium channel at a concentration of 3 μ M [1].
Targets(IC50)	Others, Interleukin, Potassium Channel, TNF
In vitro	Immune modulator-1 (compound 22) inhibits the proliferation of NCI-H929 human myeloma cells with an IC50 of 0.6 nM [1].
In vivo	Immuno modulator-1 (compound 22) administered at 1 mg/kg IV and 5 mg/kg PO demonstrated 30% oral bioavailability in male Sprague-Dawley rats [1].

Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	1.7164 mL	8.5819 mL	17.1638 mL
5 mM	0.3433 mL	1.7164 mL	3.4328 mL
10 mM	0.1716 mL	0.8582 mL	1.7164 mL
50 mM	0.0343 mL	0.1716 mL	0.3433 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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Tel: 781-999-4286 E_mail: info@targetmol.com Address: 34 Washington Street, Wellesley Hills, MA 02481