

XY-52

Chemical Properties

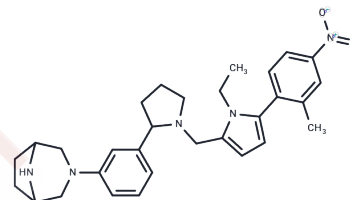
CAS No. :

Formula: C30H37N5O2

Molecular Weight: 499.65

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	XY-52 (Compound 32), an ST2 (Stimulation-2) inhibitor, exhibits IC50 values of 5.68 μ M and 4.59 μ M in the AlphaLISA and HEK-Blue assays, respectively. It promotes proinflammatory T-cell proliferation and diminishes plasma sST2 and IFN γ biomarkers in a graft versus host disease (GVHD) mouse model [1].
Targets(IC50)	Others, Interleukin

Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	2.0014 mL	10.007 mL	20.014 mL
5 mM	0.4003 mL	2.0014 mL	4.0028 mL
10 mM	0.2001 mL	1.0007 mL	2.0014 mL
50 mM	0.040 mL	0.2001 mL	0.4003 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