

LYP-IN-3

Chemical Properties

CAS No. :

Formula: C35H27NO6S

Molecular Weight: 589.66

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	LYP-IN-3 (compound D34) is a selective Lymphoid-tyrosine phosphatase (LYP) inhibitor ($K_i=0.93 \mu\text{M}$) that modulates the T-cell receptor (TCR) signaling pathway during tumor progression. It promotes T-cell activation, hinders M2 macrophage polarization, and increases PD-1/PD-L1 expression. When combined with PD-1/PD-L1 inhibitors, LYP-IN-3 may enhance cancer immunotherapy [1].
Targets(IC50)	Phosphatase

Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	1.6959 mL	8.4795 mL	16.9589 mL
5 mM	0.3392 mL	1.6959 mL	3.3918 mL
10 mM	0.1696 mL	0.8479 mL	1.6959 mL
50 mM	0.0339 mL	0.1696 mL	0.3392 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