

HYS-072

Chemical Properties

CAS No. :

Formula: C27H26N2O5

Molecular Weight: 458.51

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	HYS-072 is an orally active derivative of chrysin with antitumor properties. It induces apoptosis (Apoptosis) and autophagy (Autophagy) by inhibiting the PI3K/AKT/mTOR signaling pathway, and suppresses tumor growth in xenograft models in vivo by modulating autophagy-related pathways. HYS-072 is applicable for research in treating triple-negative breast cancer.
Targets(IC50)	Apoptosis,Akt,Autophagy,mTOR,PI3K

Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	2.181 mL	10.9049 mL	21.8098 mL
5 mM	0.4362 mL	2.181 mL	4.362 mL
10 mM	0.2181 mL	1.0905 mL	2.181 mL
50 mM	0.0436 mL	0.2181 mL	0.4362 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