

## TAT-PDHPS1

## Chemical Properties

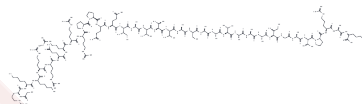
CAS No. :

Formula: C156H280N62O45

Molecular Weight: 3744.32

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	TAT-PDHPS1 is a peptide inhibitor targeting Yes-associated protein (YAP) signaling, composed of the endogenous peptide PDHPS1 and the cell-penetrating peptide sequence TAT. It operates by binding to protein phosphatase 2 phosphatase activator (PTPA), thereby activating protein phosphatase 2A (PP2A). This activation precipitates the phosphorylation of YAP, culminating in the suppression of genes targeted by YAP. Demonstrated to inhibit the proliferation of ovarian cancer cells in vitro and reduce ovarian tumor growth in a subcutaneous xenograft mouse model, TAT-PDHPS1 presents a potent approach to managing ovarian malignancies.
Targets(IC50)	Others,YAP

## Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	0.2671 mL	1.3354 mL	2.6707 mL
5 mM	0.0534 mL	0.2671 mL	0.5341 mL
10 mM	0.0267 mL	0.1335 mL	0.2671 mL
50 mM	0.0053 mL	0.0267 mL	0.0534 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

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