

PSP205

Chemical Properties

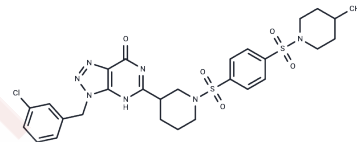
CAS No. : 837408-39-6

Formula: C₂₈H₃₂ClN₇O₅S₂

Molecular Weight: 646.181

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	PSP205 is an effective anticancer agent with cytotoxic properties. It induces apoptosis and triggers autophagy mediated by ER stress. Furthermore, PSP205 enhances the expression of LC3BII protein and increases the expression of CHOP and spliced XBP1 at both mRNA and protein levels.
Targets(IC50)	Apoptosis, Autophagy

Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	1.5476 mL	7.7378 mL	15.4756 mL
5 mM	0.3095 mL	1.5476 mL	3.0951 mL
10 mM	0.1548 mL	0.7738 mL	1.5476 mL
50 mM	0.031 mL	0.1548 mL	0.3095 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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