

Ubiquitination-IN-2

Chemical Properties

CAS No. :

Formula: C₉₃H₁₇₃N₂₅O₂₈S₈

Molecular Weight: 2346.04

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	Ubiquitination-IN-2 is a potent inhibitor of E1-E2 protein-protein interactions (PPI), exhibiting inhibitory activity with a dissociation constant (K _d) of 0.72 μM for the ubiquitin E1 (Uba1) enzyme. By blocking the transfer of ubiquitin from E1 to E2, Ubiquitination-IN-2 serves as a valuable tool in cancer research [1].
Targets(IC50)	Others,E1/E2/E3 Enzyme

Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	0.4263 mL	2.1313 mL	4.2625 mL
5 mM	0.0853 mL	0.4263 mL	0.8525 mL
10 mM	0.0426 mL	0.2131 mL	0.4263 mL
50 mM	0.0085 mL	0.0426 mL	0.0853 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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