

Cox B-IN-1

Chemical Properties

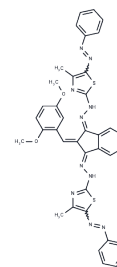
CAS No. :

Formula: C₃₈H₃₂N₁₀O₂S₂

Molecular Weight: 724.856

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	CoxB-IN-1 (7a) exhibits antiviral activity against Coxsackie B virus (CoxB). This compound demonstrates dual functionality by inhibiting both virus adsorption and replication. Additionally, CoxB-IN-1 (7a) shows significant potential as an inhibitor of the Coxsackie virus 3C protease.
Targets(IC50)	Enterovirus, Virus Protease

Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	1.3796 mL	6.8979 mL	13.7958 mL
5 mM	0.2759 mL	1.3796 mL	2.7592 mL
10 mM	0.138 mL	0.6898 mL	1.3796 mL
50 mM	0.0276 mL	0.138 mL	0.2759 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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