

## HYNIC-CTP

## Chemical Properties

CAS No. :

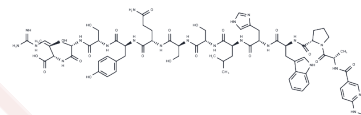
Formula: C70H98N22O20

Molecular Weight: 1567.66

Keep away from moisture

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

HYNIC-CTP is a conjugate of HYNIC and CTP (cardiac-targeting peptide). It acts as a chelator, allowing HYNIC to bind with the radioisotope  $^{99m}\text{Tc}$ , resulting in the formation of  $^{99m}\text{Tc}$ -HYNIC-CTP. This compound is specifically absorbed by the heart, facilitating cardiac imaging and thereby aiding in the research of heart diseases.

## Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	0.6379 mL	3.1895 mL	6.3789 mL
5 mM	0.1276 mL	0.6379 mL	1.2758 mL
10 mM	0.0638 mL	0.3189 mL	0.6379 mL
50 mM	0.0128 mL	0.0638 mL	0.1276 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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