

## 3'-Deoxy CTP trisodium

## Chemical Properties

CAS No. :

Formula: C<sub>9</sub>H<sub>13</sub>N<sub>3</sub>Na<sub>3</sub>O<sub>13</sub>P<sub>3</sub>

Molecular Weight:

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	3'-Deoxy CTP trisodium is the sodium salt form of 3'-Deoxy CTP. This compound is a nucleotide analog known as a chain terminator. By lacking a 3'-hydroxyl group, it causes chain termination and inhibits the RNA synthesis activity of the HCV non-structural protein (NS5B) polymerase, thereby blocking viral replication. 3'-Deoxy CTP trisodium is utilized in the study of chain termination mechanisms of HCV polymerase and the development of antiviral drugs.
Targets(IC50)	HCV Protease

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