

# Inarigivir

**Catalog No: tcsc0022217**



## Available Sizes

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**Size:** 5mg

**Size:** 10mg

**Size:** 50mg

**Size:** 100mg



## Specifications

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**CAS No:**

475650-36-3

**Formula:**

$C_{20}H_{26}N_7O_{10}PS$

**Pathway:**

Anti-infection

**Target:**

HBV

**Purity / Grade:**

>98%

**Solubility:**

10 mM in DMSO

**Alternative Names:**

ORI-9020;SB-9000

**Observed Molecular Weight:**

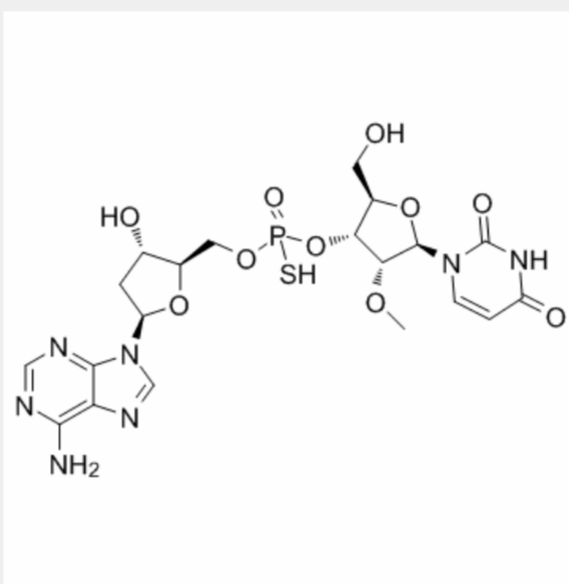
587.5

## Product Description

Inarigivir (ORI-9020;SB-9000) is a dinucleotide which can significantly reduce liver **HBV** DNA in transgenic mice expressing hepatitis B virus.

IC50 & Target: Target: HBV<sup>[1]</sup>

**In Vivo:** I.p. injection of Inarigivir at 100 mg/kg/day significantly reduces viral DNA in the liver and shows anti-HBV activity similar ADV positive control. Serum HBV DNA is not reduced in response to treatment. Inarigivir does not affect levels of HBV RNA in liver, levels of HBeAg in serum, or mean titers of HBsAg. The minimal effective dose is identified to be between 1.6 and 0.5 mg/kg/day using liver HBV DNA values<sup>[1]</sup>.



All products are for RESEARCH USE ONLY. Not for diagnostic & therapeutic purposes!