

PSI-6206

Catalog No: tcsc0630



Available Sizes

Size: 10mg

Size: 50mg

Size: 100mg



Specifications

CAS No:

863329-66-2

Formula:

$C_{10}H_{13}FN_2O_5$

Pathway:

Anti-infection

Target:

HCV

Purity / Grade:

>98%

Solubility:

DMSO : 100 mg/mL (384.29 mM; Need ultrasonic)

Alternative Names:

RO 2433;GS-331007

Observed Molecular Weight:

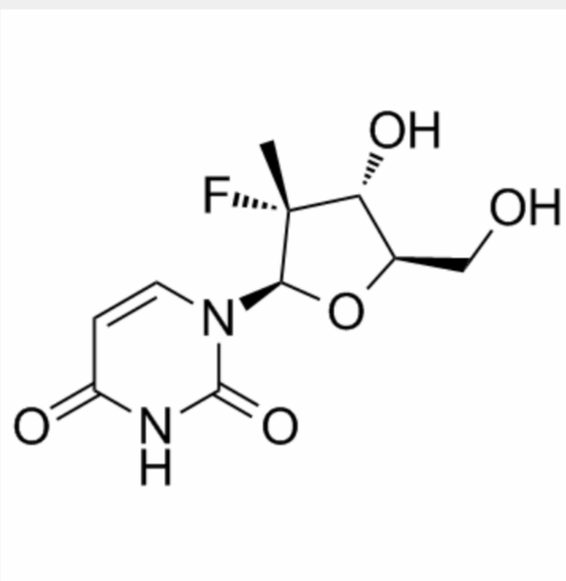
260.22

Product Description

PSI-6206 is the deaminated derivative of PSI-6130, which is a potent and selective inhibitor of HCV NS5B polymerase. PSI-6206 low potently inhibits **HCV replicon** with **EC₉₀** of >100 μM.

IC50 & Target: EC90 >100 μM (HCV replicon)^[1]

In Vitro: PSI-6206 (RO2433) is tested for anti-HCV activity in both a cell-based quantitative real-time RT-PCR assay and surrogate bovine viral diarrhea virus (BVDV) assays. PSI-6206 demonstrates no activity or cytotoxicity in any assay^[1]. The formation of the 5'-triphosphate (TP) of PSI-6130 (PSI-6130-TP) and RO2433 (RO2433-TP) increases with time and reached steady state levels at 48 h. RO2433-TP also inhibits RNA synthesis by the native HCV replicase isolated from HCV replicon cells and the recombinant HCV polymerase NS5B^[2]. PSI-6206 (RO2433) is the deaminated derivative of PSI-6130, which is a potent and selective inhibitor of HCV NS5B polymerase^[3].



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