

# PSI-7976

## Catalog No: tcsc2405



### Available Sizes

**Size:** 1mg

**Size:** 5mg



### Specifications

**CAS No:**  
1190308-01-0

**Formula:**  
 $C_{22}H_{29}FN_3O_9P$

**Pathway:**  
Anti-infection

**Target:**  
HCV

**Purity / Grade:**  
>98%

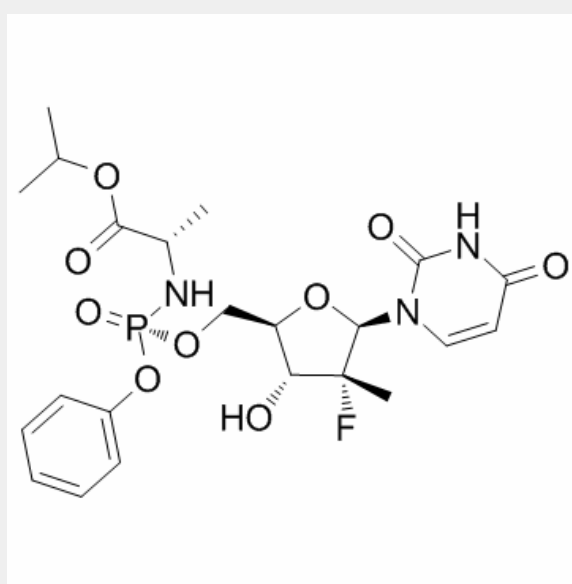
**Solubility:**  
10 mM in DMSO

**Observed Molecular Weight:**  
529.45

## Product Description

PSI-7976 is the isomer of PSI-7977. PSI-7977 is an active inhibitor of **HCV** RNA replication in the HCV replicon assay, demonstrates potent anti-hepatitis C virus (**HCV**) activity.

**In Vitro:** PSI-7851 is a mixture of two diastereoisomers, PSI-7976 and PSI-7977, with PSI-7977 being the more active inhibitor of HCV RNA replication in the HCV replicon assay. Carboxylesterase 1 (CES1) preferentially hydrolyzes PSI-7976 over PSI-7977. The kinetic data also indicates that PSI-7976 is a better substrate for CES1 than for cathepsin A (CatA)<sup>[1]</sup>



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