

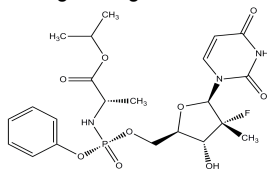
## Product: **PSI-7977**

**ALTERNATE NAME:** (2S)-isopropyl 2-((((((2R,3R,4R,5R)-5-(2,4-dioxo-3,4-dihydropyrimidin-1(2H)-yl)-4-fluoro-3-hydroxy-4-methyltetrahydrofuran-2-yl)methoxy)(phenoxy)phosphoryl)amino)propanoate; Sofosbuvir; brand name: Sovaldi and Virunon.

**CATALOG #:** 2715-5, 25

**AMOUNT:** 5 mg, 25 mg

**STRUCTURE:**



**MOLECULAR FORMULA:** C<sub>22</sub>H<sub>29</sub>FN<sub>3</sub>O<sub>9</sub>P

**MOLECULAR WEIGHT:** 529.45

**CAS NUMBER:** 1190307-88-0

**APPEARANCE:** White to off-white solid

**SOLUBILITY:** DMSO (~ 20 mg/ml) or EtOH (~ 20 mg/ml)

**PURITY:** ≥98% by HPLC

**STORAGE:** Store at -20 °C. Protect from air and light

**DESCRIPTION:** PSI-7977 is a phosphoramidate nucleotide prodrug for the treatment of hepatitis virus. It acts as a selective inhibitor of hepatitis C virus (HCV) NS5B polymerase.

**REFERENCES:** Murakami, E., *et al.* (2010). *J. Biol. Chem.* **285**, 34337-34347.

**HANDLING:** Do not take internally. Wear gloves and mask when handling the product! Avoid contact by all modes of exposure.

### RELATED PRODUCTS:

Acyclovir (Cat. No. 2200-50, 250)

5-Azacytidine (Cat. No. 1854-50, 250)

Clemizole (cat. No. 2481-10, 50)

GSK1349572 (Cat. No. 2288-5, 25)

Ribavirin (Cat. No. 2199-10, 50)

Valacyclovir hydrochloride (Cat. No. 2201-10, 50)

**FOR RESEARCH USE ONLY! Not to be used on humans.**