

## PSI-7977

Cat. No. CEI-1489

Lot. No. (See product label)

### Introduction

**Description** PSI-7977 is a phosphoramidate prodrug of PSI-7851.

**Synonyms** PSI 7977; sofosbuvir

### Product Information

**CAS No.** 1190307-88-0

**Molecular Formula** C<sub>22</sub>H<sub>29</sub>FN<sub>3</sub>O<sub>9</sub>P

**Chemical Name** propan-2-yl (2S)-2-[[[(2R,3R,4R,5R)-5-(2,4-dioxypyrimidin-1-yl)-4-fluoro-3-hydroxy-4-methyloxolan-2-yl]methoxy-phenoxyphosphoryl]amino]propanoate

**Molecular Weight** 529.45

**Purity** 0.98

**Targets** HCV RNA-dependent RNA polymerase

**IC<sub>50</sub>** 92 nM (EC<sub>50</sub>)

**Solubility** Soluble in DMSO > 10 mM

### Storage and Shipping Information

**Storage** Store at -20°C

**Shipping Conditions** Evaluation sample solution: ship with blue ice. All other available size: ship with RT, or blue ice upon request