

---

**Product Data Sheet**


---

Product Name: Sofosbuvir D6 (PSI-7977 D6)

Cat. No.: GC34419

**Chemical Properties**

Cas. No.

SMILES O=C1N([C@H]2[C@]([C@H](O)[C@@H](CO[P@](OC3=CC=CC=C3)(N[C@@H](C)C(OC(C([2H])([2H])[2H])C([2H])([2H])[2H])=O)=O)O2)(C)F)C=CC(N1)=O

Formula C<sub>22</sub>H<sub>23</sub>D<sub>6</sub>FN<sub>3</sub>O<sub>9</sub>P

M.Wt

535.49

Solubility Soluble in DMSO

Storage

Store at -20°C

General tips

For obtaining a higher solubility , please warm the tube at 37 °C and shake it in the ultrasonic bath for a while. Stock solution can be stored below -20°C for several months.

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

Structure **Background**

Sofosbuvir D6 is the deuterium labeled Sofosbuvir. Sofosbuvir (PSI-7977) is an active inhibitor of HCV RNA replication in the HCV replicon assay, demonstrates potent anti-hepatitis C virus (HCV) activity.

**Caution: Product has not been fully validated for medical applications. For research use only.**

Tel: (909) 407-4943 Fax: (626) 353-8530 E-mail: tech@glpbio.com

Address: 10292 Central Ave. #205, Montclair, CA, USA

---