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**Product Data Sheet**


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Product Name: Sofosbuvir 13CD3 (PSI-7977 13CD3)

Cat. No.: GC34420

**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)C)=O)=O)O2)([13C]([2H])([2H])[2H])F)C=CC(N1)=O

Formula C21(13C)H26D3FN3O9P

M.Wt

533.46

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 13CD3 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.**

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