
Product Data Sheet

Product Name: Sofosbuvir impurity D

Cat. No.: GC34282

Chemical Properties

Cas. No.

SMILES O=[P@@](N[C@@H](C)C(OC(C)C)=O)(OC[C@H]1[C@H](O)[C@@](F)(C)[C@@H](N2C=CC(NC2=O)=O)O1)OC3=CC=CC=C3

Formula C22H29FN3O9P M.Wt 529.45

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 impurity D is the less active impurity of Sofosbuvir, Sofosbuvir 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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