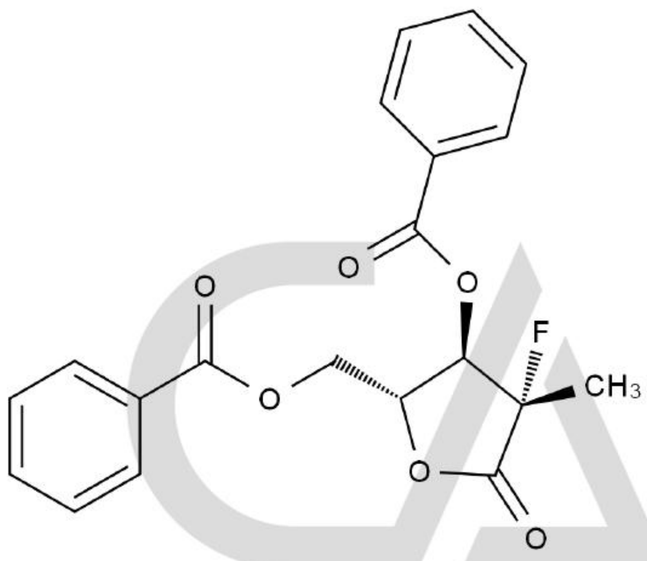
Certificate of Analysis

Reference Material & Standard

Product Name:	Sofosbuvir Impurity 2	**Catalogue Number:**	C4X-10522
Synonyms:	N/A	**Lot Number:**	1025-RH-0031
CAS Number:	1157884-58-6	**Expiry Date:**	Oct 27, 2030
Molecular Formula:	$C_{20}H_{17}FO_6$	**Storage:**	2°C ~ 8°C Protected from light and Sealed
Molecular Weight:	372.34	**Shipping Condition:**	Shipping at Room Temperature
Solubility:	Acetonitrile	**Warning:**	

Chemical Structure:



Test Items	Method	Results
Appearance	Visual inspection	Off-White Solid
Identification	LCMS&HNMR	Confirmed
Purity	HPLC	95.79%
Loss on Drying	TGA	0.1093%
Assay	Mass Balance	95.7%

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Comment:

The calculation of the mass balance method follows the formula (calculated on the non-dried basis):
*Assay (%) = (100%-Loss on Drying) * Purity HPLC (%) /100%*
Loss on Drying is considered as absolute effect, HPLC purity is considered as relative effect.

Signature:

Prepared by: Alice Date: Oct 28, 2026

Reviewed by: Alice Date: Oct 28, 2026

Approved by General Manager: David Date: Oct 28, 2026

CATO Research Chemicals Inc.