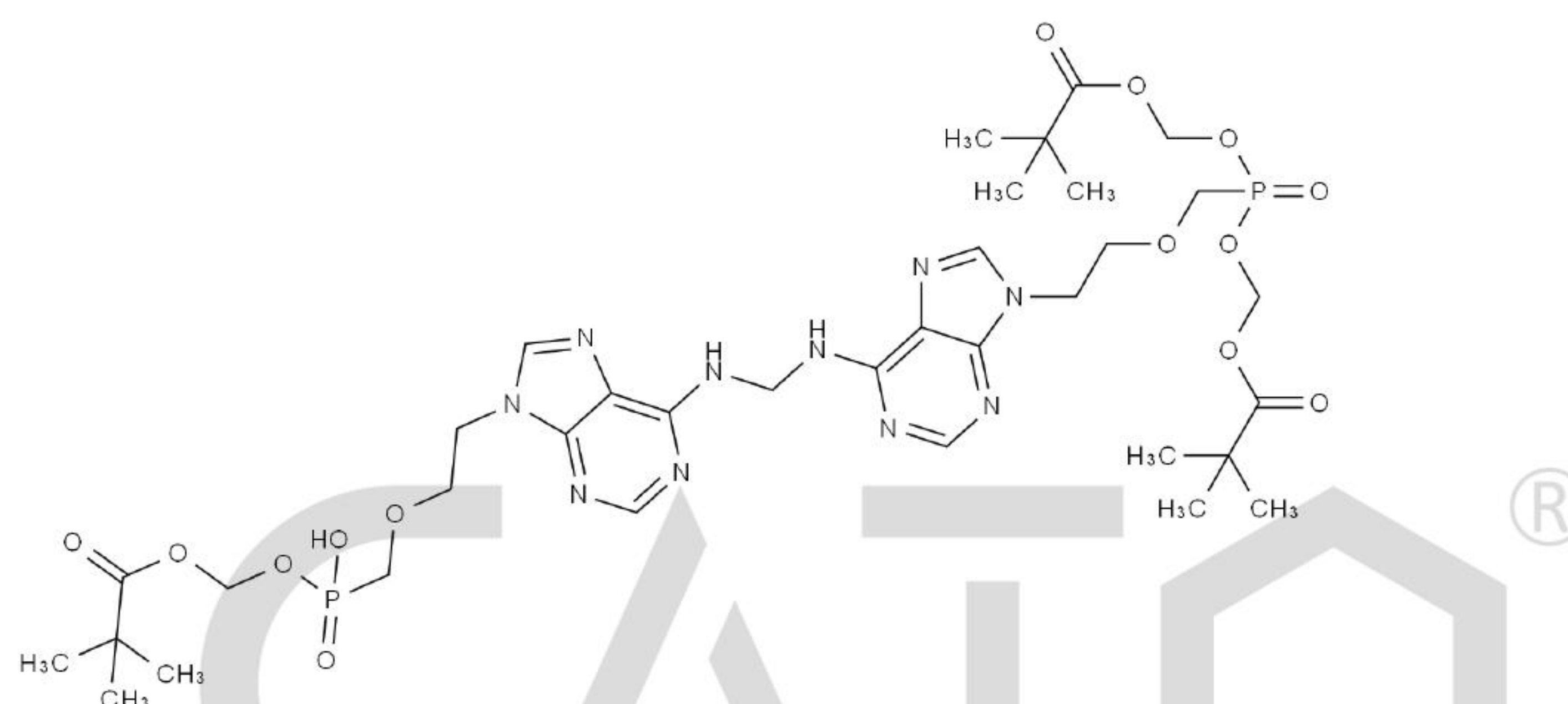


Certificate of Analysis

Reference Material

Product Name:	Adefovir Impurity 23	Catalogue Number:	C4X-115223
Chemical Name:	N/A	Lot Number:	1208-RD-0049
CAS Number:	1215101-42-0	Expiry Date:	Dec 18, 2025
Molecular Formula:	C35H54N10O14P2	Storage:	-20°C±5°C Protected from light and Sealed
Molecular Weight:	900.81		

Chemical Structure:



Test Items	Method	Results
Appearance	Visual inspection	Yellow Crystalline Solid
Identification	LCMS&HNMR	Confirmed
Purity	HPLC	96.068%
Residual Solvents	NMR	dichloromethane
Loss On Drying	TGA	1.74%
Assay		94.4%

Comment:

The calculation of the 100% 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:

Debia

Reviewed by:

Yuke-i

Aporoved by General manager:

David

Date: Dec 19, 2022

Date: Dec 21, 2022

Date: Dec 21, 2022

