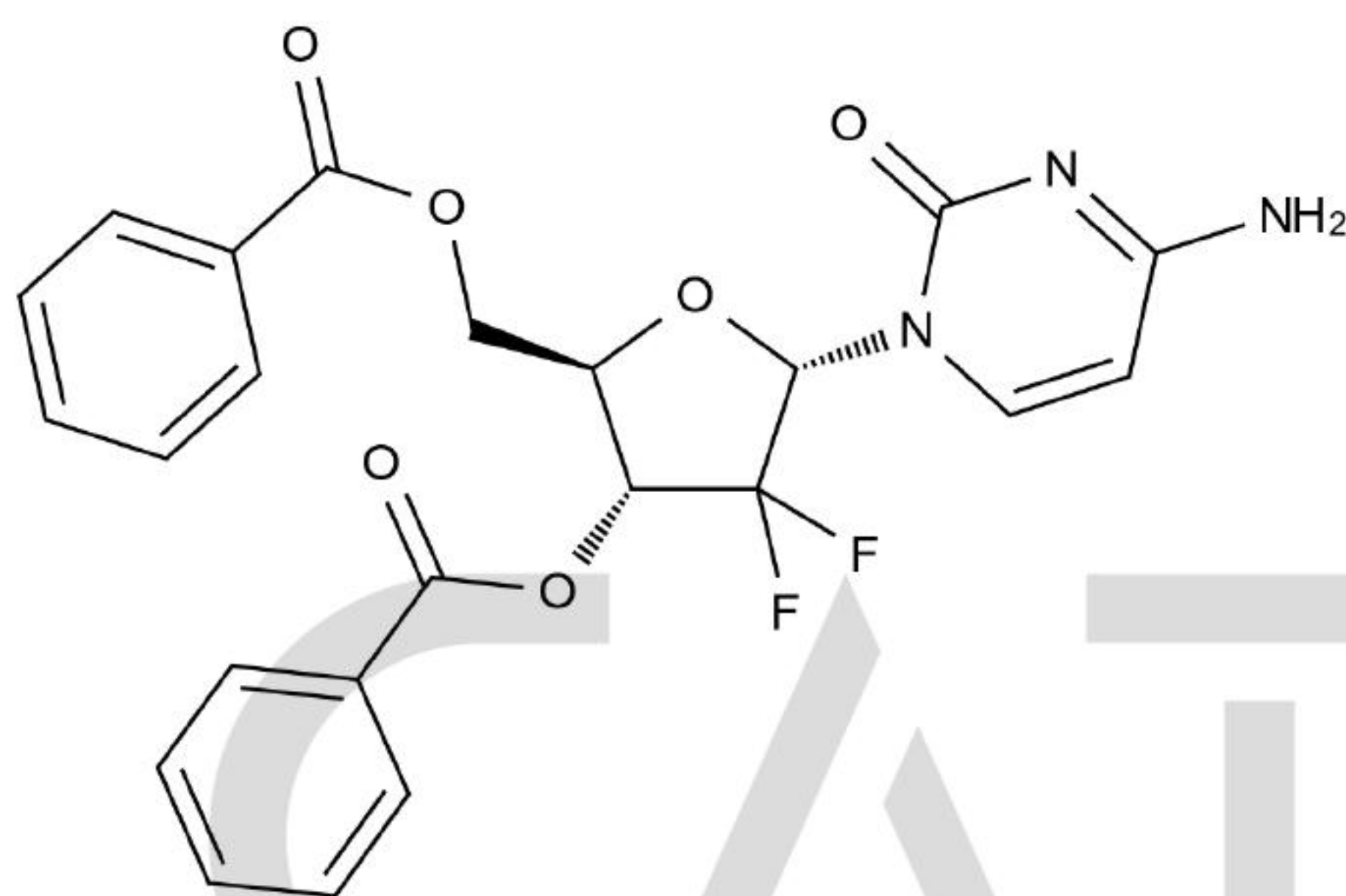


Certificate of Analysis

Reference Material & Standard

Product Name:	Gemcitabine Impurity 28	Catalogue Number:	C4X-137228
Synonyms:	N/A	Lot Number:	0520-RF-0147
CAS Number:	134790-40-2	Expiry Date:	Apr 08, 2027
Molecular Formula:	C ₂₃ H ₁₉ F ₂ N ₃ O ₆	Storage:	2°C ~ 8°C Protected from light and Sealed
Molecular Weight:	471.41		

Chemical Structure:



Test Items	Method	Results
Appearance	Visual inspection	Off-White Solid
Identification	LCMS&HNMR	Confirmed
Purity	HPLC	97.4327%
Loss On Drying	TGA	1.671%
Assay		95.8%

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:

Lily

Reviewed by:

Hin Lam

Approved by General Manager:

David

Date: May 20, 2024

Date: May 21, 2024

Date: May 21, 2024

