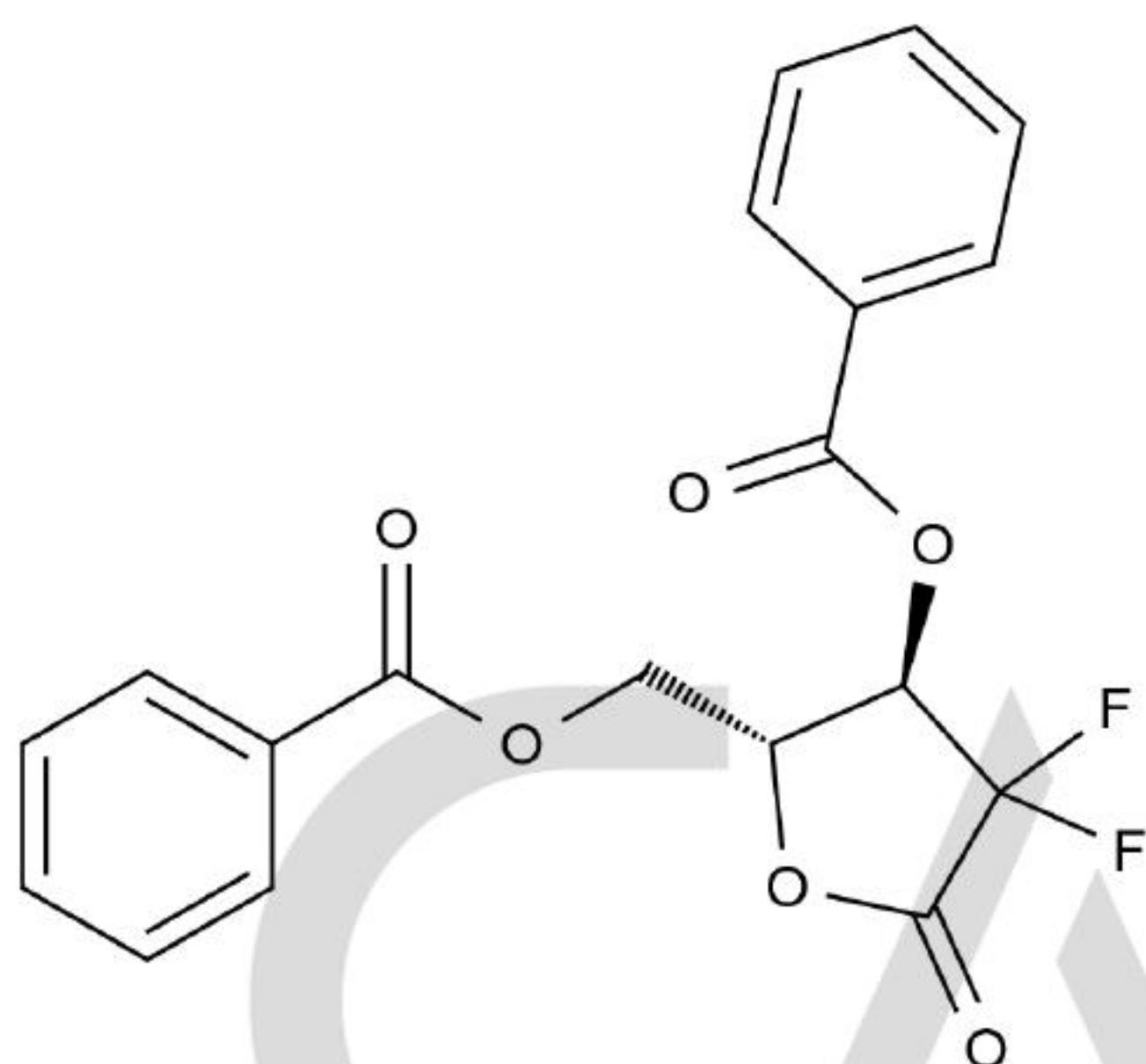


Certificate of Analysis

Reference Material & Standard

Product Name:	Gemcitabine Impurity 32	Catalogue Number:	C4X-137232
Synonyms:	N/A	Lot Number:	0530-RF-0039
CAS Number:	122111-01-7	Expiry Date:	Jul 03, 2027
Molecular Formula:	C ₁₉ H ₁₄ F ₂ O ₆	Storage:	2°C ~ 8°C Protected from light and Sealed
Molecular Weight:	376.31		

Chemical Structure:



Test Items	Method	Results
Appearance	Visual inspection	White Solid
Identification	GCMS&HNMR	Confirmed
Purity	GC	99.155%
Loss On Drying	TGA	0.1307%
Assay		99.0%

Comment:

The calculation of the 100% method follows the formula (calculated on the non-dried basis):

Assay (%) = (100% - Loss On Drying) * Purity GC (%) / 100%

Loss On Drying is considered as absolute effect, GC purity is considered as relative effect.

Signature:

Prepared by:

Nice

Reviewed by:

Koi

Approved by General Manager:

David

Date: Jul 04, 2024

Date: Jul 04, 2024

Date: Jul 04, 2024

