

Certificate of Analysis

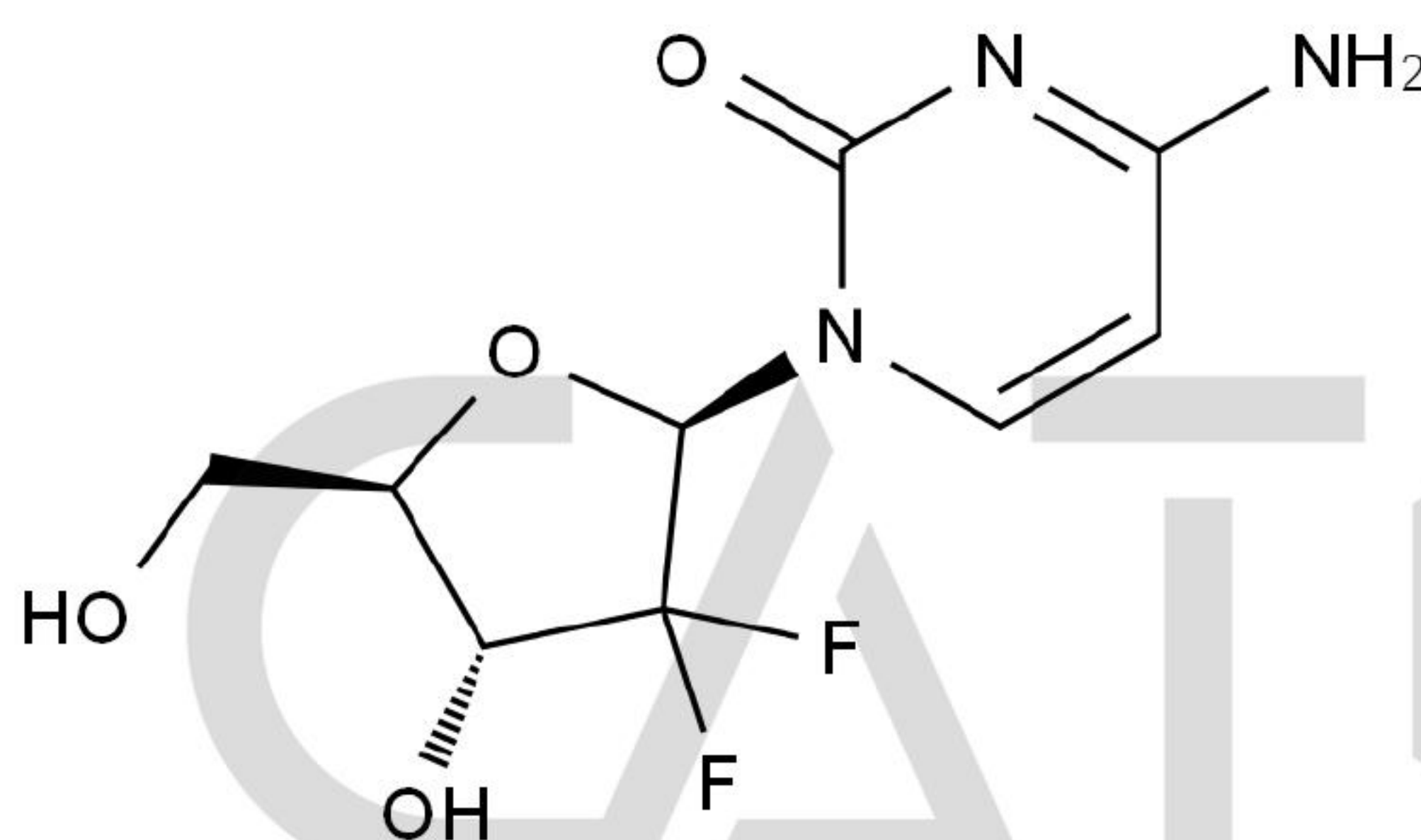
Reference Material & Standard

Product Name:	Gemcitabine	Catalogue Number:	C4X-1372
Synonyms:	N/A	Lot Number:	0526-RH-0149
CAS Number:	95058-81-4	Expiry Date:	Jun 08, 2030
Molecular Formula:	C ₉ H ₁₁ F ₂ N ₃ O ₄	Storage:	2°C ~ 8°C Protected from light and Sealed
Molecular Weight:	263.20	Shipping Condition:	Shipping at Room Temperature

Warning:



Chemical Structure:



Test Items	Method	Results
Appearance	Visual inspection	White Solid
Identification	LCMS&HNMR	Confirmed
Purity	HPLC	100.000%
Residue on Ignition	TGA	0.7205%
Loss on Drying	TGA	3.4370%
Assay		95.8%

Comment:

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

Assay (%) = (100% - Residue on Ignition - Loss on Drying) * Purity HPLC (%) / 100%

Residue on Ignition and Loss on Drying are considered as absolute effect, HPLC purity is considered as relative effect.

Signature:

Prepared by:

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Reviewed by:

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Approved by General Manager:

David

Date: Jun 09, 2026

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