

CERTIFICATE OF ANALYSIS

(Certificate No. KMC007004-01)

Release Date: 14/10/2025

Re-test Date: 13/10/2028

Capecitabine 2-O-BDR Impurity

Identification

Chemical Name :

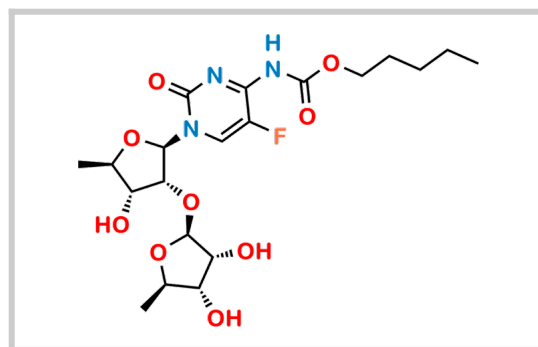
[1-[5-Deoxy-2-O-(5-deoxy-β-d-ribofuranosyl)-β-d-ribofuranosyl]-5-fluoro-2-oxo-1,2-dihydropyrimidin-4-yl]-carbamic acid pentyl ester

CAT No. : KMC007004

CAS No. : 1262133-66-3

Molecular Formula : C₂₀H₃₀FN₃O₉

Molecular Weight : 475.5



Analytical Information

Batch No. : C007004-102-342

Description : Off White Hygroscopic Solid

HPLC Purity : 97.96 %

Weight Loss By TGA : 2.62 %

% Potency : 95.39 %

Solubility : ACN : Water (1:1)

Mass : Confirm

IR : Confirm

¹H NMR : Confirm

Additional Information

Long Term Storage : Store at 2-8 deg. C for long term storage

Shipping Condition : Product is stable to be Shipped at Room Temperature

% Potency = [100 - 2.62(Weight Loss By TGA)] x [97.96(HPLC Purity)]/100 = 95.39 %

Recommendation : Released

	Department	Name	Signature	Date
Prepared By	Analytical	Jignesh Patel		14/10/2025
Reviewed & Approved By	Quality Control	Jatin Patel		14/10/2025

Attachments : COA, HPLC, MASS, ¹HNMR, IR and TGA