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CERTIFICATE OF ANALYSIS

Analysis Date: Mar 2023

Re-test Date: Feb 2026

Product Name: Decitabine Deformyl Impurity

Identification:

Chemical Name: N-(Aminoiminomethyl)-N'-(2-deoxy-D-erythro-pentofuranosyl)urea

Synonyms : Decitabine Urea Impurity

CAS Number : 570410-72-9

CAT Number : CP-D12001

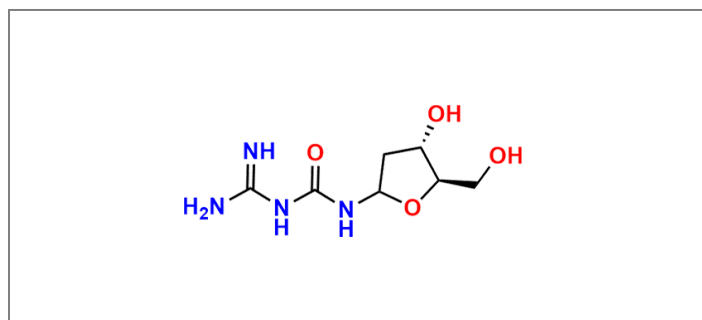
Molecular Formula : C₇H₁₄N₄O₄

Molecular Weight : 218.21

Batch Number : CHEM-DEC-DI

Storage Condition : Tightly closed, Inert atmosphere at 2 to 8° C

Shipping condition : All Products are stable to be shipped at room temperature, if specific condition required it is mention in the COA



Analytical Information:

Sr. No.	Test	Result
1)	Description	White Sticky Hygroscopic Solid
2)	Solubility	Soluble in Methanol/DMSO
3)	MASS By LCMS	Confirm to structure
4)	Purity By HPLC	99.48%
5)	H1NMR	Confirm to structure
6)	13CNMR	Confirm to structure



Prepared and Reviewed By

Ms Priyanka Salunkhe
(Manager QC Analytical)

Approved By

Ms Rohini Gagare
(QA Head)

Note: Product supplied by Chemicea are for R&D purpose only and not for human consumptions.