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CERTIFICATE OF ANALYSIS

Analysis Date:

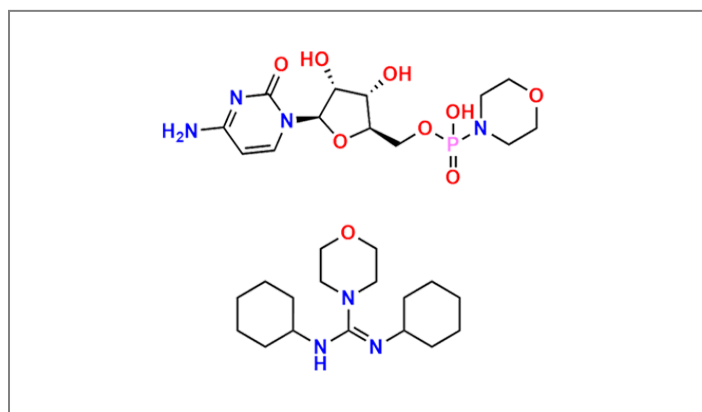
Re-test Date:

Product Name: Citicoline IP Impurity D

Identification:

Chemical Name: (Z)-N,N'-Dicyclohexylmorpholine-4-carboximidamide ((2R,3S,4R,5R)-5-(4-amino-2-oxopyrimidin-1(2H)-yl)-3,4-dihydroxytetrahydrofuran-2-yl)methyl morpholinophosphonate

Synonyms : NA
CAS Number : 76742-18-2
CAT Number : CP-C79005
Molecular Formula : C₁₃H₂₁N₄O₈P : C₁₇H₃₁N₃O
Molecular Weight : 392.30 : 293.46



Analytical Information:

Sr. No.	Test	Result
1)	Description	Solid
2)	Solubility	Soluble in Methanol/DMSO
3)	MASS By LCMS	Confirm to structure
4)	Purity By HPLC	>95%
5)	H1NMR	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.