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CERTIFICATE OF ANALYSIS

Analysis Date: May 2025

Re-test Date: Apr 2027

Product Name: Fosfomycin Trometamol EP Impurity D

Identification:

Chemical Name: (2-(((2-(2-Amino-3-hydroxy-2-(hydroxymethyl)propoxy)-1-hydroxypropyl)(hydroxy)phosphoryl)oxy)-1-hydroxypropyl)phosphonic acid

Synonyms : Trometamoyloxy Fosfomycin
Dimer

CAS Number : 1262243-12-8

CAT Number : CP-F6004

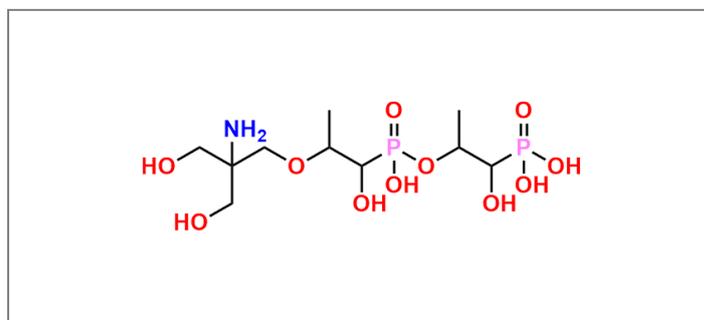
Molecular Formula : C₁₀H₂₅NO₁₁P₂

Molecular Weight : 397.25

Batch Number : CP-FOS-TROD-0525

Storage Condition : Tightly closed, Inert atmosphere at -20° C

Shipping condition : At low temperature with dry ice and ice pack gel



Analytical Information:

Sr. No.	Test	Result
1)	Description	White Highly Hygroscopic Solid
2)	Solubility	Soluble in Methanol/DMSO
3)	MASS By LCMS	Confirm to structure
4)	Purity By HPLC	100%
5)	¹ HNMR	Confirm to structure
6)	IR	Confirm to Structure
7)	Weight loss by TGA	0.166%
8)	Potency by TGA	99.83%



Prepared and Reviewed By

Ms Priyanka Salunkhe
(Quality Control)

Approved By

Ms Rohini Gagare
(Quality Assurance)

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