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## CERTIFICATE OF ANALYSIS

Analysis Date: Oct 2023

Re-test Date: Sep 2025

**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

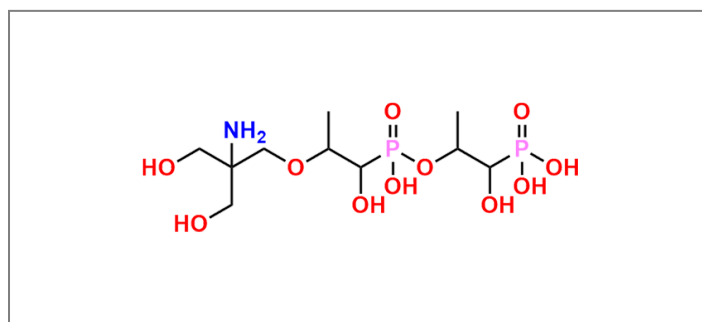
Molecular Formula : C<sub>10</sub>H<sub>25</sub>NO<sub>11</sub>P<sub>2</sub>

Molecular Weight : 397.25

Batch Number : CP-FOS-D-1023

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	96.45%
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.