

Analysis Date: 09-09-2025

Re-test Date: 09-09-2028

FOSFOMYCIN TROMETHAMINE IMPURITY

Identification

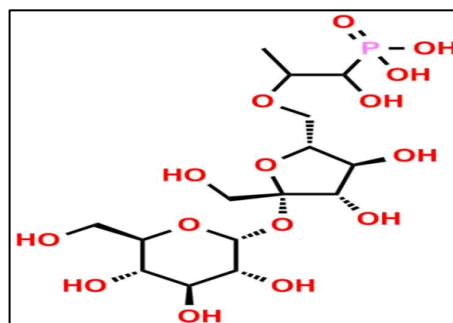
Chemical Name : (2-(((2R,3S,4S,5S)-3,4-Dihydroxy-5-(hydroxymethyl)-5-(((2R,3R,4S,5S,6R)-3,4,5-trihydroxy-6-(hydroxymethyl)tetrahydro-2H-pyran-2-yl)oxy)tetrahydrofuran-2-yl)methoxy)-1-hydroxypropyl)phosphonic acid

CAT No : ALL-FO3689

CAS No : N.A.

Molecular Formula : C₁₅H₂₉O₁₅P

Molecular Weight : 480.4



Analytical Information

Batch Code	: ALL-FO3689	HPLC Purity	: 98.00%
Solubility	: USP Diluent / EP Diluent (MEOH)	Potency	: 97.01%
Appearance of Product	: White to Pale Yellow Solid	Mass	: Confirm
Long Term Storage	: -20°C	IR Analysis	: Confirm
Weight Loss By TGA	: 0.896%	¹H NMR	: Confirm
Residue Of Ignition	: 0.105%		

Additional Information

%Potency = [100 - (Weight Loss By TGA % + Residue Of Ignition %) × Chromatographic Purity%]/100 =
 [100 - (0.896+0.105) × 98.00%]/100 = 97.01%

Recommendation : Released

	Department	Name	Signature
Prepared and Reviewed by	Analytical	Mr. Vipul khadase Jr. Executive	
Approved By	QA&QC	Dr. Ashish Keche Director QA&QC	

Attachment : HPLC, Mass, ¹H NMR, IR, TGA

Shipping Condition : All Product are stable to be shipped at room temperature, unless otherwise specified

Corporate Office