

Analysis Date: 08-09-2025

Re-test Date: 08-09-2028

FOSFOMYCIN DIASTEREOMER 2

Identification

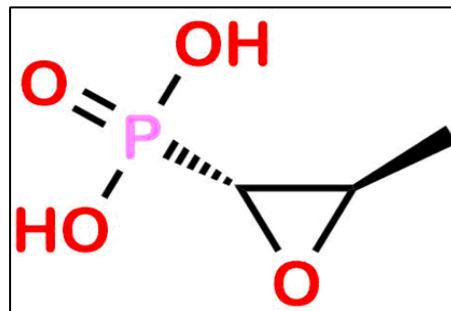
Chemical Name : ((2R,3R)-3-methyloxiran-2-yl)phosphonic acid

CAT No : ALL-FO3686

CAS No : 45629-00-3

Molecular Formula : C3H7O4P

Molecular Weight : 138.1



Analytical Information

Batch Code	: ALL-FO3686	HPLC Purity	: 98.00%
Solubility	: USP Diluent / EP Diluent (MEOH)	Potency	: 96.51%
Appearance of Product	: OFF WHITE SOLID	Mass	: Confirm
Long Term Storage	: -20°C	IR Analysis	: Confirm
Weight Loss By TGA	: 0.711%	1HNMR	: Confirm
Residue Of Ignition	: 0.801%		

Additional Information

%Potency = [100 - (Weight Loss By TGA % + Residue Of Ignition %) × Chromatographic Purity%]/100 =
 [100 - (0.711+0.801) × 98.00]/100 = 96.51%

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