

Analysis Date: 09-09-2025

Re-test Date: 09-09-2028

## FOSFOMYCIN CIS-PROPENYL IMPURITY

### Identification

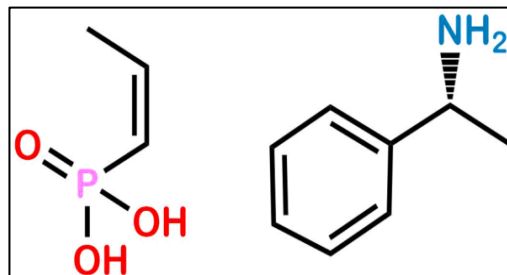
**Chemical Name** : (R)-1-Phenylethan-1-amine (Z)-prop-1-en-1-ylphosphonate

**CAT No** : ALL-FO3684

**CAS No** : 933443-26-6

**Molecular Formula** : C<sub>3</sub>H<sub>7</sub>O<sub>3</sub>P : C<sub>8</sub>H<sub>11</sub>N

**Molecular Weight** : 122.1 : 121.2



### Analytical Information

<b>Batch Code</b>	: ALL-FO3684	<b>HPLC Purity</b>	: 98.00%
<b>Solubility</b>	: USP Diluent / EP Diluent (MEOH)	<b>Potency</b>	: 95.89%
<b>Appearance of Product</b>	: OFF WHITE SOLID	<b>Mass</b>	: Confirm
<b>Long Term Storage</b>	: -20°C	<b>IR Analysis</b>	: Confirm
<b>Weight Loss By TGA</b>	: 1.215%	<b>1HNMR</b>	: Confirm
<b>Residue Of Ignition</b>	: 0.937%		

### Additional Information

**%Potency** = [100 - (Weight Loss By TGA % + Residue Of Ignition %) × Chromatographic Purity%]/100 =  
 [100 - (1.215+0.937) × 98.00]/100 = 95.89%

**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