

Analysis Date: 09-12-2025

Re-test Date: 09-12-2028

## ABACAVIR IMPURITY 16

### Identification

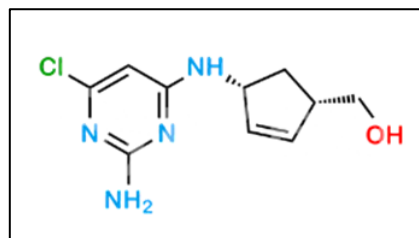
**Chemical Name** : ((1S,4R)-4-((2-amino-6-chloropyrimidin-4-yl)amino)cyclopent-2-en-1-yl)methanol

**CAT No** : ALL-A06916

**CAS No** : 141271-11-6

**Molecular Formula** : C<sub>10</sub>H<sub>13</sub>ClN<sub>4</sub>O

**Molecular Weight** : 240.7



### Analytical Information

<b>Batch No.</b>	: ALL-A06916	<b>HPLC Purity</b>	: 98.00 %
<b>Solubility</b>	: MeOH: ACN	<b>Potency</b>	: 96.69 %
<b>Appearance of Product</b>	: Yellow to light greenish Solid	<b>Mass</b>	: Confirm
<b>Long Term Storage</b>	: 2-8 <sup>0</sup> C	<b>IR Analysis</b>	: Confirm
<b>Weight Loss By TGA</b>	: 1.316 %	<b><sup>1</sup>H NMR</b>	: Confirm
<b>Residue Of Ignition</b>	: 0.012 %		

### Additional Information

$$\% \text{Potency} = [100 - (\text{Weight Loss By TGA \%} + \text{Residue Of Ignition \%}) \times \text{Chromatographic Purity\%}] / 100 =$$

$$[100 - (1.316 + 0.012) \times 98.00] / 100 = 96.69 \%$$

**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, <sup>1</sup>H NMR, IR, TGA

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

### Corporate Office

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