

Analysis Date: 08-02-2025

Re-test Date: 08-02-2028

ABACAVIR IMPURITY 13

Identification

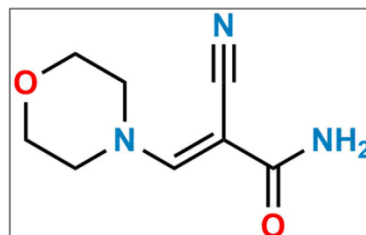
Chemical Name : 2-Cyano-3-morpholinoacrylamide

CAT No : ALL-A06913

CAS No : 25229-97-4

Molecular Formula : C₈H₁₁N₃O₂

Molecular Weight : 181.2



Analytical Information

Batch No : ALL-A06913

HPLC Purity : 98.00 %

Solubility : MeOH: ACN

Potency : 97.20 %

Appearance of Product : Off White Solid

Mass : Confirm

Long Term Storage : 2-8⁰ C

IR Analysis : Confirm

Weight Loss By TGA : 0.635 %

¹HNMR : Confirm

Residue Of Ignition : 0.175 %

Additional Information

$$\begin{aligned} \% \text{Potency} &= [100 - (\text{Weight Loss By TGA \%} + \text{Residue Of Ignition \%}) \times \text{Chromatographic Purity\%}] / 100 = \\ &= [100 - (0.635 + 0.175) \times 98.00] / 100 = 97.20 \% \end{aligned}$$

Recommendation : Released

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

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