

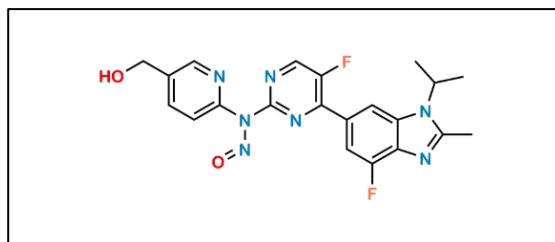
Analysis Date: 18-12-2025

Re-test Date: 18-12-2028

ABEMACICLIB NITROSO IMPURITY 9

Identification

Chemical Name	: N-(5-fluoro-4-(4-fluoro-1-isopropyl-2-methyl-1H-benzo[d]imidazol-6-yl)pyrimidin-2-yl)-N-(5-(hydroxymethyl)pyridin-2-yl)nitrous amide
CAT No	: ALL-A07559
CAS No	: N.A.
Molecular Formula	: C ₂₁ H ₁₉ F ₂ N ₇ O ₂
Molecular Weight	: 439.4



Analytical Information

Batch No.	: ALL-A07559	HPLC Purity	: 98.00%
Solubility	: MeOH: ACN	Potency	: 95.14%
Appearance of Product	: Off White Solid	Mass	: Confirm
Long Term Storage	: 2-8 ⁰ C	IR Analysis	: Confirm
Weight Loss By TGA	: 1.256 %	¹HNMR	: Confirm
Residue Of Ignition	: 1.658 %		

Additional Information

$$\%Potency = [100 - (\text{Weight Loss By TGA \%} + \text{Residue Of Ignition \%}) \times \text{Chromatographic Purity\%}] / 100 = [100 - (1.256 + 1.658) \times 98.00] / 100 = 95.14\%$$

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