

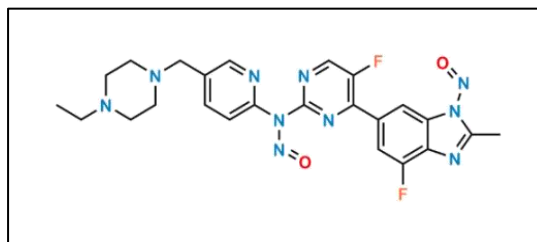
Analysis Date: 19-12-2025

Re-test Date: 19-12-208

ABEMACICLIB NITROSO IMPURITY 6

Identification

Chemical Name	: N-(5-((4-Ethylpiperazin-1-yl)methyl)pyridin-2-yl)-N-(5-fluoro-4-(4-fluoro-2-methyl-1-nitroso-1H-benzo[d]imidazol-6-yl)pyrimidin-2-yl)nitrous amide
CAT No	: ALL-A07560
CAS No	: 230617-68-2
Molecular Formula	: C ₂₄ H ₂₄ F ₂ N ₁₀ O ₂
Molecular Weight	: 522.5



Analytical Information

Batch No.	: ALL-A07560	HPLC Purity	: 98.00 %
Solubility	: MeOH: ACN	Potency	: 96.75 %
Appearance of Product	: Off White Solid	Mass	: Confirm
Long Term Storage	: 2-8 °C	IR Analysis	: Confirm
Weight Loss By TGA	: 0.617 %	¹H NMR	: Confirm
Residue Of Ignition	: 0.655 %		

Additional Information

$$\% \text{Potency} = [100 - (\text{Weight Loss By TGA \%} + \text{Residue Of Ignition \%}) \times \text{Chromatographic Purity\%}] / 100 = [100 - (0.617 + 0.655) \times 98.00] / 100 = 96.75 \%$$

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