

Analysis Date: 23-12-2025

Re-test Date: 23-12-2028

ABEMACICLIB N-OXIDE NITROSO IMPURITY

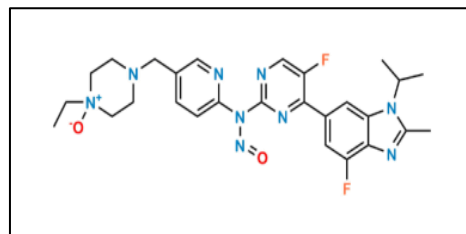
Identification

Chemical Name : 1-Ethyl-4-((6-((5-fluoro-4-(4-fluoro-1-isopropyl-2-methyl-1H-benzo[d]imidazol-6-yl)pyrimidin-2-yl)(nitroso)amino)pyridin-3-yl)methyl)piperazine 1-oxide

CAT No : ALL-A07561

CAS No : N.A.

Molecular Formula : C₂₇H₃₁F₂N₉O₂



Molecular Weight : 551.6

Analytical Information

Batch Code	: ALL-A07561	HPLC Purity	: 98.00%
Solubility	: USP Diluent / EP Diluent (MEOH)	Potency	: 96.57 %
Appearance of Product	: Off White Solid	Mass	: Confirm
Long Term Storage	: -20°C	IR Analysis	: Confirm
Weight Loss By TGA	: 1.120 %	¹HNMR	: Confirm
Residue Of Ignition	: 0.421 %		

Additional Information

%Potency = [100 - (Weight Loss By TGA % + Residue Of Ignition %) × Chromatographic Purity%]/100 =
 [100 - (1.120 + 0.421) × 98.00]/100 = 96.57 %

Recommendation : Released

	Department	Name	Signature
Prepared and Reviewed by	Analytical	Mr. Vipul Khadse 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