

Analysis Date: 14-01-2025

Re-test Date: 14-01-2028

## ALECTINIB DIMER IMPURITY

### Identification

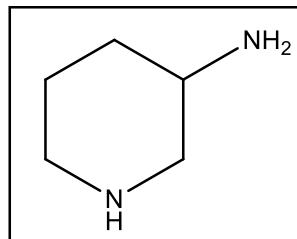
Chemical Name : Piperidin-3-amine

CAT No : ALL-ALO-2736

CAS No : N.A

Molecular Formula : C<sub>5</sub>H<sub>12</sub>N<sub>2</sub>

Molecular Weight : 100.2



### Analytical Information

Batch Code	: ALL-ALO-2736	HPLC Purity	: 98.43 %
Solubility	: MeOH: ACN	Potency	: 97.14 %
Appearance of Product	: Off White Solid	Mass	: Confirm
Long Term Storage	: 2-8 <sup>0</sup> C	IR Analysis	: Confirm
Water Content By TGA	: 1.198 %	<sup>1</sup> H NMR	: Confirm
Residue Of Ignition	: 0.104 %		

### Additional Information

%Potency = [100 - (Residue % + Water %) × Chromatographic Purity%]/100 =

[100 - (1.198+0.104) × 98.43]/100 = 97.14 %

Recommendation : Released

	Department	Name	Signature
Prepared and Reviewed by	Analytical	Mr. Swapnil Kausatkar 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