

Analysis Date: 18-12-2025

Re-test Date: 18-12-2028

ABEMACICLIB IMPURITY 39

Identification

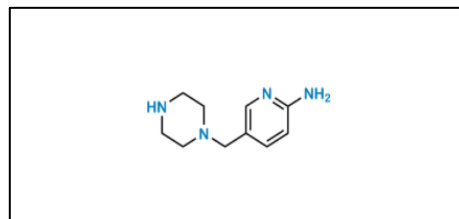
Chemical Name : 5-(Piperazin-1-ylmethyl)pyridin-2-amine

CAT No : ALL-A07547

CAS No : 1178566-47-6

Molecular Formula : C₁₀H₁₆N₄

Molecular Weight : 192.3



Analytical Information

Batch No.	: ALL-A07547	HPLC Purity	: 98.00%
Solubility	: MeOH: ACN	Potency	: 95.14%
Appearance of Product	: Off White Solid	Mass	: Confirm
Long Term Storage	: 2-8 ^o C	IR Analysis	: Confirm
Weight Loss By TGA	: 1.256 %	¹ H NMR	: Confirm
Residue Of Ignition	: 1.658 %		

Additional Information

%Potency = [100 -(Weight Loss By TGA % + Residue Of Ignition %) × Chromatographic Purity%]/100 =
 [100 – (1.256 + 1.658) × 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