

Analysis Date: 19-12-2025

Re-test Date: 19-12-208

ABEMACICLIB IMPURITY 41

Identification

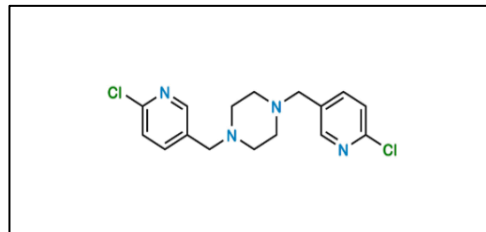
Chemical Name : 1,4-bis((6-chloropyridin-3-yl)methyl)piperazine

CAT No : ALL-A07548

CAS No : 230617-68-2

Molecular Formula : C₁₆H₁₈Cl₂N₄

Molecular Weight : 337.2



Analytical Information

Batch No.	: ALL-A07548	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

%Potency = [100 - (Weight Loss By TGA % + Residue Of Ignition %) × Chromatographic Purity%]/100 =
 [100 - (0.617+0.655) × 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