

Analysis Date: 17-03-2025

Re-test Date: 17-03-2028

CARIPRAZINE IMPURITY 44

Identification

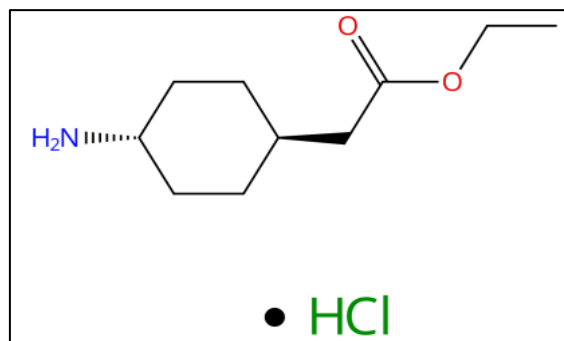
Chemical Name : Ethyl 2-((1r,4r)-4-aminocyclohexyl)acetate hydrochloride

CAT No : ALL-CAR-8264

CAS No : 76308-26-4

Molecular Formula : C₁₀H₁₉NO₂ : HCl

Molecular Weight : 185.3 : 36.5



Analytical Information

Batch Code : ALL-CAR-8264

Solubility : METHANOL

Appearance of Product : Off White Solid

Long Term Storage : 2-8⁰C

Weight Loss By TGA : 0.307 %

Residue Of Ignition : 0.438 %

HPLC Purity : 98.03%

Potency : 97.29%

Mass : Confirm

IR Analysis : Confirm

¹H NMR : Confirm

Additional Information

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

[100 - (0.307 + 0.438 × 98.03)]/100 = 97.29%

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, ¹H NMR, IR, TGA

Shipping Condition : All Product are stable to be shipped at room temperature, unless otherwise specified

Corporate Office

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