

Analysis Date: 13-05-2025

Re-test Date: 13-05-2028

AGOMELATINE DESACETYL-7-DESMETHYL IMPURITY

Identification

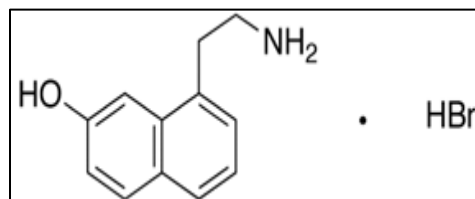
Chemical Name : 8-(2-Aminoethyl)-2-naphthalenol Hydrobromide

CAT No : ALL-A04787

CAS No : 144705-51-1

Molecular Formula : C₁₂H₁₄BrNO

Molecular Weight : 268.15



Analytical Information

Batch Code : ALL-A04787

Solubility : MeOH: ACN

Appearance of Product : Off White Solid

Long Term Storage : 2-8 °C

Weight Content By TGA : 0.527%

Residue Of Ignition : 0.638%

HPLC Purity : 98.05%

Potency : 96.90%

Mass : Confirm

IR Analysis : Confirm

¹HNMR : Confirm

Additional Information

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

[100 - (0.527+0.638× 98.05)]/100 = 96.90%

Recommendation : Released

	Department	Name	Signature
Prepared and Reviewed by	Analytical	Mr. Vipul Khadse Jr. Executive	
Approved By	QA&QC	Dr. Ashish Kecher 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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