

Analysis Date: 13-05-2025

Re-test Date: 13-05-2028

AGOMELATINE

Identification

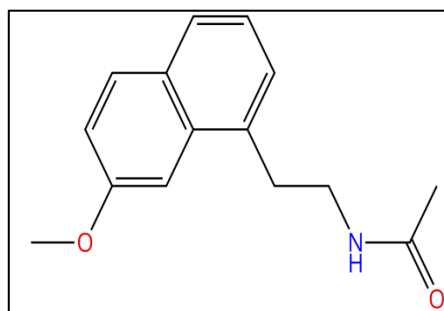
Chemical Name : Acetamide, N-[2-(7-methoxy-1-naphthalenyl)ethyl]- (9CI, ACI)

CAT No : ALL-A04768

CAS No : 138112-76-2

Molecular Formula : C₁₅H₁₇NO₂

Molecular Weight : 243.30



Analytical Information

Batch Code : ALL-A04768

HPLC Purity : 98.03%

Solubility : MeOH: ACN

Potency : 96.91%

Appearance of Product : Off White Solid

Mass : Confirm

Long Term Storage : 2-8 °C

IR Analysis : Confirm

Weight Content By TGA : 0.622%

¹H NMR : Confirm

Residue Of Ignition : 0.514%

Additional Information

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

[100 - (0.622+0.514× 98.03)]/100 = 96.91%

Recommendation : Released

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

Allmpus Laboratories Pvt Ltd 38, Solitaire Industrial Estate, Plot No.TS-1, Near Nandi Palace Hotel, MIDC-Phase 1, Dombivli (E), Mumbai, Maharashtra 421203