Certificate Of Analysis

Analysis Date: 13-05-2025 **Re-test Date:** 13-05-2028

AGOMELATINE DIACETYL IMPURITY

Identification

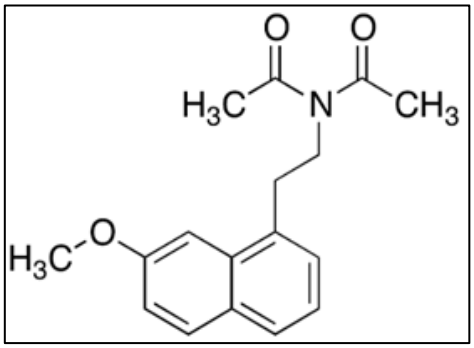
Chemical Name : N-Acetyl-N-[2-(7-methoxy-1-naphthalenyl)ethyl]acetamide

CAT No : ALL-AGO-07

CAS No : 379005-34-1

Molecular Formula : C17H19NO3

Molecular Weight : 285.34



Analytical Information

Batch Code	: ALL-AGO-07	**HPLC Purity**	: 98.08%
Solubility	: MeOH: ACN	**Potency**	: 97.15%
Appearance of Product	: Off White Solid	**Mass**	: Confirm
Long Term Storage	: 2-8 ^{0}C	**IR Analysis**	: Confirm
Weight Content By TGA	: 0.411%	**1HNMR**	: Confirm
Residue Of Ignition	: 0.529%		

Additional Information

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

[100 – (0.411+0.529× 98.08]/100 = 97.15%

Recommendation : Released

	Department	Name	Signature
Prepared and Reviewed by	Analytical	Mr. Vipul Khadse 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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