

Analysis Date: 13-05-2025

Re-test Date: 13-05-2028

AGOMELATINE DESMETHYL IMPURITY

Identification

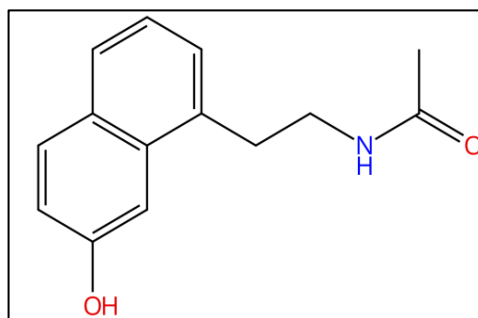
Chemical Name : N-(2-(7-Hydroxynaphthalen-1-yl)ethyl)acetamide

CAT No : ALL-A04767

CAS No : 152302-45-9

Molecular Formula : C₁₄H₁₅NO₂

Molecular Weight : 229.27



Analytical Information

Batch Code : ALL-A04767

HPLC Purity : 98.02%

Solubility : MeOH: ACN

Potency : 97.29%

Appearance of Product : Off White Solid

Mass : Confirm

Long Term Storage : 2-8 °C

IR Analysis : Confirm

Weight Content By TGA : 0.426%

¹HNMR : Confirm

Residue Of Ignition : 0.315%

Additional Information

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

[100 - (0.426+0.315× 98.02)]/100 = 97.29%

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

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