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## CERTIFICATE OF ANALYSIS

Analysis Date: Jun 2024

Re-test Date: May 2027

**Product Name: Agomelatine (In House Standard)**

### Identification:

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

Synonyms : Thymanax ; Valdoxan

CAS Number : 138112-76-2

CAT Number : CP-A9000

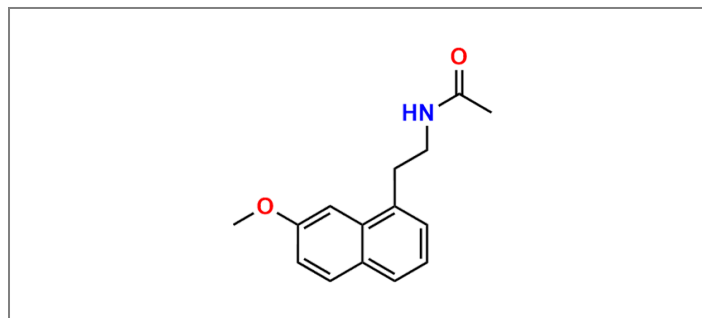
Molecular Formula : C<sub>15</sub>H<sub>17</sub>NO<sub>2</sub>

Molecular Weight : 243.30

Batch Number : CP-AGO-IN-0424

Storage Condition : Tightly closed, Inert atmosphere at 2 to 8° C

Shipping condition : All Products are stable to be shipped at room temperature, if specific condition required it is mention in the COA



### Analytical Information:

Sr. No.	Test	Result
1)	Description	White Solid
2)	Solubility	Soluble in Methanol/DMSO
3)	MASS By LCMS	Confirm to structure
4)	Purity By HPLC	99.72%
5)	H1NMR	Confirm to structure
6)	13CNMR	Confirm to structure



**Prepared and Reviewed By**

Ms Priyanka Salunkhe  
(Manager QC Analytical)

**Approved By**

Ms Rohini Gagare  
(QA Head)

Note: Product supplied by Chemicea are for R&D purpose only and not for human consumptions.