Certificate of Analysis

3-Hydroxy agomelatine-d3

Cat. No.: HY-133111S
CAS No.: 1079774-23-4
Batch No.: 239691

Chemical Name: Acetamide, N-[2-[3-hydroxy-7-(methoxy-d3)-1-naphthalenyl]ethyl]-

PHYSICAL AND CHEMICAL PROPERTIES

 $\label{eq:control_state} \mbox{Molecular Formula:} \qquad \qquad \mbox{C_{15}H$}_{14}\mbox{$D_{3}$NO}_{3}$

Molecular Weight: 262.32

Storage: Powder -20°C 3 years

4°C 2 years

In solvent -80°C 6 months

-20°C 1 month

Chemical Structure:

ANALYTICAL DATA

Appearance: Off-white to light yellow (Solid)

LCMS: Consistent with structure

Purity (LCMS): 99.92%
Isotopic Enrichment: 99.70%

Conclusion: The product has been tested and complies with the given specifications.

Caution: Product has not been fully validated for medical applications. For research use only.

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