Certificate of Analysis

VU0469650

Cat. No.: HY-110191

CAS No.: 1443748-47-7

Batch No.: 368503

Chemical Name: 2-Pyridinecarbonitrile, 3-[(3R)-3-methyl-4-(tricyclo[3.3.1.13,7]dec-1-ylcarbonyl)-1-piperazinyl]-

PHYSICAL AND CHEMICAL PROPERTIES

 $\label{eq:c22} \begin{array}{ll} \mbox{Molecular Formula:} & \mbox{C_{22}H$}_{28}\mbox{$N_{4}$O} \\ \mbox{Molecular Weight:} & \mbox{364.48} \end{array}$

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)

¹ H NMR Spectrum: Consistent with structure

LCMS: Consistent with structure

Purity (HPLC): 98.70%

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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