Certificate of Analysis

BWA-522 intermediate-1

Cat. No.: HY-W877989 CAS No.: 2241315-66-0 Batch No.: 318163

Chemical Name: 4-Piperidinecarboxaldehyde, 1-[2-(2,6-dioxo-3-piperidinyl)-2,3-dihydro-1,3-dioxo-1H-isoindol-5-

yl]-

PHYSICAL AND CHEMICAL PROPERTIES

Molecular Formula: $C_{19}H_{19}N_3O_5$ **Molecular Weight:** 369.37

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: Light yellow to yellow (Solid) ¹H NMR Spectrum: Consistent with structure LCMS: Consistent with structure

Purity (HPLC): 99.27%

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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