Certificate of Analysis

CLK-IN-T3

Cat. No.: HY-115470 CAS No.: 2109805-56-1

Batch No.: 67514

Chemical Name: Benzamide, 4-[1,1-dimethyl-2-(4-methyl-1-piperazinyl)-2-oxoethyl]-N-[6-(4-pyridinyl)imidazo[1,

2-a]pyridin-2-yl]-

PHYSICAL AND CHEMICAL PROPERTIES

Molecular Formula: $C_{28}H_{30}N_6O_2$ **Molecular Weight:** 482.58

Storage: Powder -20°C 3 years

> 4°C 2 years

In solvent -80°C 2 years

> -20°C 1 year

Chemical Structure:

N NH NH

ANALYTICAL DATA

Appearance: Off-white to light yellow (Solid)

LCMS: Consistent with structure

Purity (LCMS): 98.63%

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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