

Certificate of Analysis

GNF2133

Cat. No.: HY-142295 CAS No.: 2561414-56-8 Batch No.: 241814

Chemical Name: 1-Piperazinecarboxamide, 4-ethyl-N-[4-[1-(tetrahydro-2H-pyran-4-yl)-1H-pyrrolo[2,3-c]pyridin-3

-yl]-2-pyridinyl]-

PHYSICAL AND CHEMICAL PROPERTIES

Molecular Formula: $C_{24}H_{30}N_6O_2$ **Molecular Weight:** 434.53

Storage: Powder -20°C 3 years

> 4°C 2 years

In solvent -80°C 6 months

> -20°C 1 month

Chemical Structure:

ANALYTICAL DATA

Off-white to pink (Solid) Appearance: ¹H NMR Spectrum: Consistent with structure

Purity (HPLC): 98.49%

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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