Certificate of Analysis

IRF5-IN-1

Cat. No.: HY-149652
CAS No.: 689270-18-6
Batch No.: 321646

Chemical Name: 4-Quinolinecarboxamide, 2-(4-ethoxyphenyl)-N-[3-(2-methyl-1-piperidinyl)propyl]-

PHYSICAL AND CHEMICAL PROPERTIES

Molecular Formula: $C_{27}H_{33}N_3O_2$ Molecular Weight: 431.57

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)

¹H NMR Spectrum: Consistent with structure

LCMS: Consistent with structure

Purity (HPLC): 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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