Certificate of Analysis

MU1742

Cat. No.: HY-148251 Batch No.: 291822

Chemical Name: 4-(1-((4-Fluoro-1-methylpiperidin-4-yl)methyl)-4-(5-fluoropyridin-2-yl)-1H-imidazol-5-yl)-1H-pyr

rolo[2,3-b]pyridine

PHYSICAL AND CHEMICAL PROPERTIES

Molecular Formula: $C_{22}H_{22}F_2N_6$ **Molecular Weight:** 408.45

Storage: Powder -20°C 3 years

> 2 years $4^{\circ}C$

In solvent -80°C 6 months

> -20°C 1 month

Chemical Structure:

ANALYTICAL DATA

White to off-white (Solid) Appearance: ¹H NMR Spectrum: Consistent with structure LCMS: Consistent with structure

Purity (HPLC): 99.74%

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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