Inhibitors

Certificate of Analysis

NCT-505

Cat. No.: HY-112277 CAS No.: 2231079-74-4 Batch No.: 149120

Chemical Name: 4-Piperidinecarbonitrile, 1-[6-fluoro-3-[[4-(methylsulfonyl)-1-piperazinyl]carbonyl]-4-quinolinyl]

-4-phenyl-

PHYSICAL AND CHEMICAL PROPERTIES

Molecular Formula: $\mathsf{C}_{27}\mathsf{H}_{28}\mathsf{FN}_5\mathsf{O}_3\mathsf{S}$

Molecular Weight: 521.61

Storage: Powder -20°C 3 years

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

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

Purity (HPLC): 98.41%

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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