Certificate of Analysis

STAT3-IN-12

Cat. No.: HY-150538 **Batch No.:** 261685

Chemical Name: 2,6-Bis(3-methoxyphenyl)-1,7-dipropyl-1,7-dihydrobenzo[1,2-d:4,5-d']diimidazole

PHYSICAL AND CHEMICAL PROPERTIES

Molecular Formula: $C_{28}H_{30}N_4O_2$ Molecular Weight: 454.56

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): 99.92%

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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