## **Certificate of Analysis**

## **ZK53**

**Cat. No.:** HY-149677 **Batch No.:** 331338

Chemical Name: N-(4-Bromobenzyl)-4-(3,5-difluorobenzyl)piperazine-1-carboxamide

## PHYSICAL AND CHEMICAL PROPERTIES

Molecular Formula:  $C_{19}H_{20}BrF_2N_3O$ 

Molecular Weight: 424.28

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: White to off-white (Solid)

<sup>1</sup> H NMR Spectrum: Consistent with structure

LCMS: Consistent with structure

Purity (HPLC): 98.94%

**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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