Certificate of Analysis

Benperidol

Cat. No.: HY-121276
CAS No.: 2062-84-2
Batch No.: 152234

Chemical Name: 2H-Benzimidazol-2-one, 1-[1-[4-(4-fluorophenyl)-4-oxobutyl]-4-piperidinyl]-1,3-dihydro-

PHYSICAL AND CHEMICAL PROPERTIES

Molecular Formula: $C_{22}H_{24}FN_3O_2$ Molecular Weight: 381.44

Storage: Powder -20°C 3 years

In solvent -80°C 6 months

-20°C 1 month

Chemical Structure:

ANALYTICAL DATA

Appearance: White to off-white (Solid)

¹ H NMR Spectrum: Consistent with structure

LCMS: Consistent with structure

Purity (HPLC): 99.45%

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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