

1. Identification

Catalogue Number

B170010

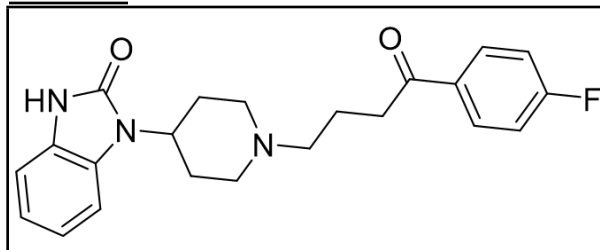
Lot Number

14-APD-34-1

Product Name

Benperidol

Structure



Synonyms

1-[1-[4-(4-Fluorophenyl)-4-oxobutyl]piperidin-4-yl]-2-benzimidazolinone; 1-[1-[3-(p-Fluorobenzoyl)propyl]-4-piperidinyl]-2-benzimidazolinone; Anquil; Benguil; Benzoperidol; Benzperidol; CB 8089; Frenactil; Frenactyl; Glianimon; McN-JR 4584; NSC 170982; R 4584; R 4730

CAS Number

2062-84-2

Solubility

Chloroform (Slightly), Methanol (Slightly)

Shipping Condition

This Product Is Stable To Be Shipped At Room Temperature

Molecular Formula

C₂₂H₂₄FN₃O₂

Source of Product

Synthetic

Long Term Storage Conditions

-20°C, Inert atmosphere

Molecular Weight

381.45

Purity

>95%

2. Warnings

Not Determined

3. Analytical Information

Tests

Appearance

Specifications

White to Off-White Solid

Results

White Solid

NMR

Conforms to Structure

Conforms

F NMR

Conforms to Structure

Conforms

HPLC Purity

>95%

95.53% (205 nm)

MS

Conforms to Structure

Conforms

Additional Information

N/A

Purity is based on the analytical results of the tests performed. NMR and Elemental Analysis (if available) may have an accuracy of ± 2%. Isotopic purity is based on mass distribution observed. The contents of the specifications are subject to change without advance notice, and the specification values displayed here are the most up to date values.

4. Signatures

Reviewed by

Neha

Neha Khanna

Product Quality Specialist

Reviewed by

Toni Rantanen

Toni Rantanen

Manager, Quality Assurance

C of A Approved by

Sadaf Samadi

Sadaf Samadi

Quality Assurance Associate

Test Date

8/25/2025

Retest Date

8/23/2029