

1. Identification

Catalogue Number

C378515

Lot Number

3-NKM-153-1

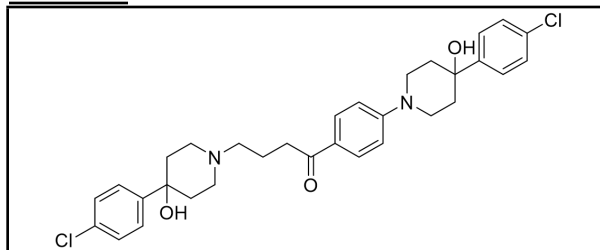
Product Name

4-[4-(4-Chlorophenyl)-4-hydroxy-1-piperidiny]-1-[4-[4-(4-chlorophenyl)-4-hydroxy-1-piperidiny]phenyl]-1-butanone

Synonyms

Haloperidol Impurity A; USP Haloperidol Related Compound A;

Structure



CAS Number

67987-08-0

Solubility

Chloroform (Very Slightly), DMSO (Slightly), Methanol (Slightly)

Shipping Condition

This Product Is Stable To Be Shipped At Room Temperature

Molecular Formula

C₃₂H₃₆Cl₂N₂O₃

Source of Product

Synthetic

Long Term Storage Conditions

-20°C

Molecular Weight

567.55

Purity

>95%

2. Warnings

Not Determined

3. Analytical Information

Tests

Appearance

Specifications

Pale Beige to Pale Orange Solid

Results

Pale Orange Solid

NMR

Conforms to Structure

Conforms

HPLC Purity

>95%

99.20% (340 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

Nicole Yip

Product Quality Specialist

Reviewed by

Toni Rantanen

Manager, Quality Assurance

C of A Approved by

Chanell Chu

Jr. Quality Assurance

Test Date

3/1/2023

Retest Date

2/27/2027