

1. Identification

Catalogue Number

0870400

Lot Number

28-MJC-174-1

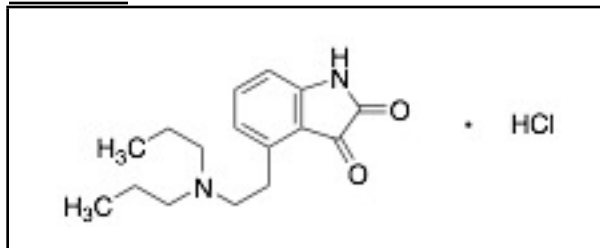
Product Name

3-Oxo Ropinirole Hydrochloride

Synonyms

4-[2-(Dipropylamino)ethyl]-1H-indole-2,3-dione Hydrochloride; 4-[2-(Dipropylamino)ethyl]isatin Hydrochloride; SKF 96266 Hydrochloride; Ropinirole Impurity C, Impurity III, Ropinirole Related Compound B

Structure



CAS Number

221264-21-7

Solubility

DMSO (Slightly), Methanol (Very Slightly)

Shipping Condition

This Product Is Stable To Be Shipped At Room Temperature

Molecular Formula

C₁₆H₂₃ClN₂O₂

Source of Product

Synthetic

Long Term Storage Conditions

-20°C, Hygroscopic

Molecular Weight

310.82

Purity

>95%

2. Warnings

Very Hygroscopic

3. Analytical Information

Tests

Appearance

Specifications

Yellow to Dark Orange Solid

Results

Light Orange to Orange Solid

NMR

Conforms to Structure

Conforms

HPLC Purity

>95%

99.31% (240 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 Khanna

Product Quality Specialist

Reviewed by



Toni Rantanen

Manager, Quality Assurance

C of A Approved by



Nicole Badiali

Quality Assurance Associate

Test Date

8/15/2025

Retest Date

8/13/2029