



1. Identification

Catalogue Number

M338695

Lot Number

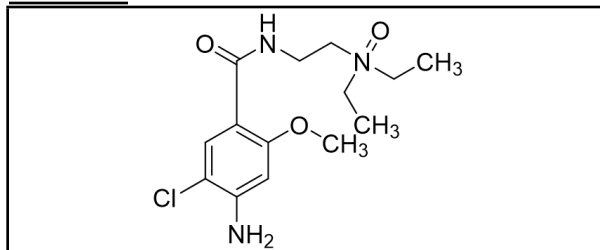
2-ZIW-133-2

Product Name

Metoclopramide N-Oxide

Synonyms

4-Amino-5-chloro-N-[2-(diethyloxidoamino)ethyl]-2-methoxybenzamide; 4-Amino-5-chloro-N-[2-(diethylamino)ethyl]-2-methoxybenzamide N-Oxide; Metoclopramide EP Impurity G

Structure**CAS Number**

171367-22-9

Solubility

Chloroform (Slightly), Methanol (Slightly)

Shipping Condition

This Product Is Stable To Be Shipped With Blue Ice

Molecular Formula $C_{14}H_{22}ClN_3O_3$ **Source of Product**

Synthetic

Long Term Storage Conditions

-20°C, Hygroscopic

Molecular Weight

315.8

Purity

>95%

2. Warnings

Hygroscopic, Temperature Sensitive

3. Analytical Information

Tests

Appearance

Specifications

Off-White to Pale Beige Solid

Results

Pale Yellow to Pale Beige Solid

NMR

Conforms to Structure

Conforms

Elemental Analysis

Conforms

%C: 51.09, %H: 7.10, %N: 12.50

HPLC Purity

>95%

99.94% (215 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 $\pm 2\%$. 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

Vijaya Annapareddy

Product Quality Specialist

Reviewed by

Toni Rantanen

Manager, Quality Assurance

C of A Approved by

Chanell Chu

Quality Assurance Associate

Test Date

12/12/2024

Retest Date

12/10/2028