



## 1. Identification

**Catalogue Number**

D230970

**Lot Number**

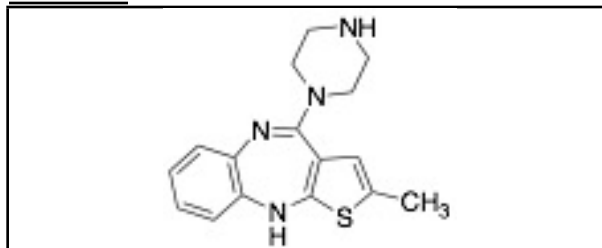
5-MIE-83-6

**Product Name**

N-Demethyl Olanzapine

**Synonyms**

2-methyl-4-(1-piperazinyl)-10H-Thieno[2,3-b][1,5]benzodiazepine; 4'-Desmethyloanzapine; Desmethyloanzapine; LY 170055; N-Demethylolanzapine

**Structure****CAS Number**

161696-76-0

**Solubility**

Chloroform (Slightly), Methanol (Slightly)

**Shipping Condition**

This Product Is Stable To Be Shipped At Room Temperature

**Molecular Formula** $C_{16}H_{18}N_4S$ **Source of Product**

Synthetic

**Long Term Storage Conditions**

-20°C

**Molecular Weight**

298.41

**Purity**

&gt;95%

## 2. Warnings

Not Determined

## 3. Analytical Information

**Tests**

Appearance

**Specifications**

Yellow to Brown Solid

**Results**

Dark Yellow Solid

NMR

Conforms to Structure

Conforms

HPLC Purity

&gt;95%

96.55% (260 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**

Sadaf Samadi

Quality Assurance Associate

**Reviewed by**

Toni Rantanen

Manager, Quality Assurance

**C of A Approved by**

Christina Gouliaras

Quality Assurance Associate

**Test Date**

1/24/2025

**Retest Date**

1/22/2029