



1. Identification

Catalogue Number

D292002

Lot Number

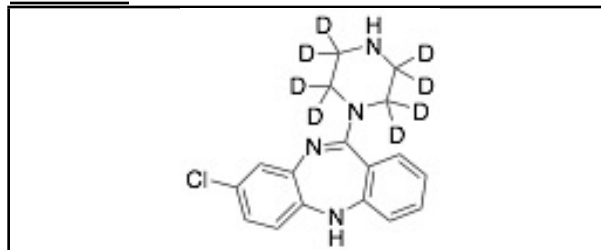
18-MNZ-39-1

Product Name

N-Desmethyl Clozapine-d8

Synonyms

8-Chloro-11-(1-piperazinyl-d8)-5H-dibenzo[B,E][1,4]diazepine;

StructureCAS Number

1189888-77-4

Solubility

Acetonitrile (Slightly), Chloroform (Slightly)

Shipping Condition

This Product Is Stable To Be Shipped At Room Temperature

Molecular Formula $C_{17}H_9D_8ClN_4$ Source of Product

Synthetic

Long Term Storage Conditions

-20°C

Molecular Weight

320.85

Purity

>95%

2. Warnings

Not Determined

3. Analytical Information

Tests

Appearance

Specifications

Pale Yellow to Yellow Solid

Results

Pale Yellow to Yellow Solid

NMR

Conforms to Structure

Conforms

HPLC Purity

>95%

99.82% (215 nm)

MS

Conforms to Structure

Conforms

Isotopic Purity

>95%

98.0%

Additional InformationNormalized Intensity: $d_0 = 0.38\%$, $d_1 = 0.00\%$, $d_2 = 0.00\%$, $d_3 = 0.05\%$, $d_4 = 0.14\%$, $d_5 = 0.12\%$, $d_6 = 0.71\%$, $d_7 = 10.77\%$, $d_8 = 87.84\%$ 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

Henry Tieu

Product Quality Specialist

Reviewed by

Toni Rantanen

Manager, Quality Assurance

C of A Approved by

Chanell Chu

Quality Assurance Associate

Test Date

3/1/2024

Retest Date

2/28/2028