



CERTIFICATE OF ANALYSIS

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1. Identification

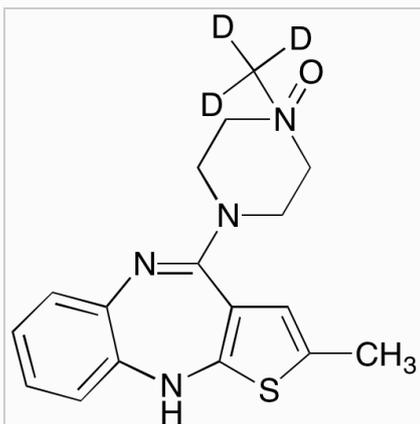
Catalogue Number: O253762

CAS Number: 1189732-75-9

Product: Olanzapine-d3 N-Oxide

Synonym: 2-Methyl-4-[4-(methyl-d3)-4-oxido-1-piperazinyl]-10H-thieno[2,3-b][1,5]benzodiazepine; LY 170238-d3;

Structure:



Molecular Formula:

C₁₇H₁₇D₃N₄OS

Molecular weight:

331.45

Source of Product:

Synthetic

Solubility:

DMSO (Slightly), Methanol (Slightly)

Lot Number: 6-MIE-163-5

Purity: 98%

Shipping Condition: This Product Is Stable To Be Shipped At Room Temperature

Storage Condition: -20°C

2. Warning

Warning 1:

Warning 2:

Warning 3:

3. Analytical Information

Tests:	Specifications:	Results:
Appearance	Light Yellow to Yellow Solid	Light Yellow to Yellow Solid
NMR	Conforms to Structure	Conforms
Elemental Analysis	Conforms	%C: 60.21, %H: 6.15, %N: 16.44
MS	Conforms to Structure	Conforms
Isotopic Purity	>95%	99.3%
HPLC Purity	Report Result	97.88% (230 nm)

Additional Information: Normalized Intensity: d0 = 0.31%, d1 = 0.33%, d2 = 0.59%, d3 = 98.77%

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

swathi reddy

Reviewed By

Toni Rantanen

C of A Approved By

Chanell Chu

Test Date

9/8/2023

Retest Date

9/6/2027