



CERTIFICATE OF ANALYSIS

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1. Identification

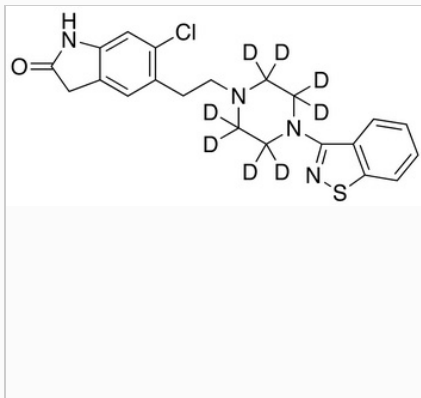
Catalogue Number: Z485002

CAS Number: 1126745-58-1

Product: Ziprasidone-d8

Synonym: 5-[2-[4-(1,2-Benzisothiazol-3-yl)-1-(piperazinyl-d8)]ethyl]-6-chloro-1,3-dihydro-2H-indol-2-one;

Structure:



Molecular Formula:

C₂₁H₁₃D₈ClN₄OS

Molecular weight:

420.98

Source of Product:

Synthetic

Solubility:

DMSO (Slightly), Ethanol (Slightly), Methanol (Slightly, Heated)

Lot Number: 3-PSB-24-1

Purity: 96%

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

Storage Condition: 4°C

2. Warning

Warning 1:

Warning 2:

Warning 3:

3. Analytical Information

Tests:	Specifications:	Results:
Appearance	Pale Beige to Brown Solid	Pale Brown to Light Brown Solid
NMR	Conforms to Structure	Conforms
MS	Conforms to Structure	Conforms
Elemental Analysis	Conforms	%C: 58.69, %H: 5.17, %N: 12.78
Isotopic Purity	>95%	98.9%
HPLC Purity	Report Result	99.13% (210 nm)

Additional Information:

Elemental Analysis: (Theoretical) %C: 59.91, %H: 5.04, %N: 13.31
Normalized Intensity: d0 = 0.07%, d1 = 0.00%, d2 = 0.00%, d3 = 0.00%, d4 = 0.00%, d5 = 0.00%, d6 = 0.04%, d7 = 8.06%, d8 = 91.83%

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	Reviewed By	C of A Approved By	Test Date	Retest Date
Hanxiang Li	Toni Rantanen	My Nguyen	11/20/2020	11/18/2030

Hanxiang Li

Toni Rantanen

My Nguyen