



CERTIFICATE OF ANALYSIS

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1. Identification

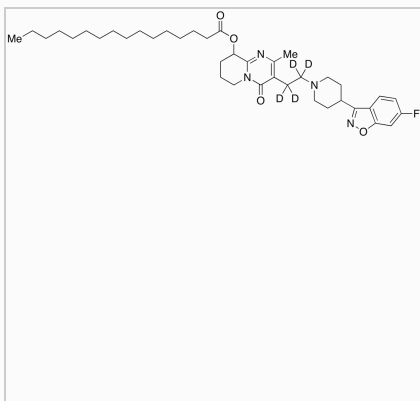
Catalogue Number: P141022

CAS Number: 1794685-21-4

Product: Paliperidone Palmitate-d4

Synonym: 9-Hydroxyrisperidone Palmitate-d4; Invega Sustenna-d4; Hexadecanoic Acid 3-[2-[4-(6-Fluoro-1,2-benzisoxazol-3-yl)-1-piperidinyl](ethyl-d4)]-6,7,8,9-tetrahydro-2-methyl-4-oxo-4H-pyrido[1,2-a]pyrimidin-9-yl Ester; RO 92670-d4;

Structure:



Molecular Formula:

C₃₉H₅₃D₄FN₄O₄

Molecular weight:

668.92

Source of Product:

Synthetic

Solubility:

Chloroform (Slightly), Ethyl Acetate (Slightly), Methanol (Slightly)

Lot Number: 18-KHI-96-1

Purity: 97%

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	White to Light Brown Solid	Pale Brown to Light Brown Solid
NMR	Conforms to Structure	Conforms
F NMR	Conforms to Structure	Conforms
Elemental Analysis	Conforms	%C: 69.09, %H: 8.59, %N: 7.98
MS	Conforms to Structure	Conforms
Isotopic Purity	>95%	99.5%
HPLC Purity	Report Result	97.20% (240 nm)

Additional Information:

Normalized Intensity: d0 = 0.04%, d1 = 0.01%, d2 = 0.18%, d3 = 1.37%, d4 = 98.39%

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
Swathi Reddy	Toni Rantanen	Chanell Chu	12/15/2022	12/13/2026
				