



CERTIFICATE OF ANALYSIS

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1. Identification

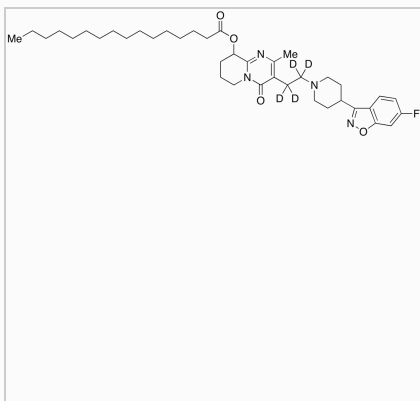
Catalogue Number: P141022

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: 14-SDJ-157-1

Purity: 95%

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 | White to Off-White Solid |
| NMR | Conforms to Structure | Conforms |
| F NMR | Conforms to Structure | Conforms |
| MS | Conforms to Structure | Conforms |
| Isotopic Purity | >95% | 99.8% (d0 = 0.09%) |

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 ± 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 |
|------------------|---------------|--------------------|-----------|-------------|
| Meenakshi Sharma | Toni Rantanen | Chanell Chu | 10/6/2021 | 10/4/2025 |