

1. Identification

Catalogue Number

H103702

Lot Number

2-AZK-81-2

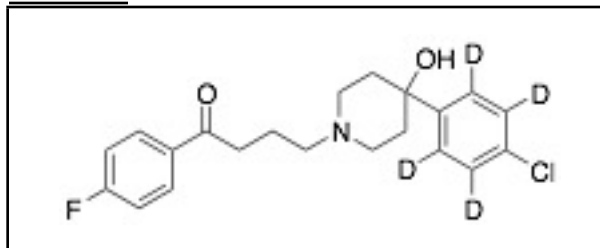
Product Name

Haloperidol-d4

Synonyms

4-[4-(4-Chlorophenyl-d4)-4-hydroxy-1-piperidinyl]-1-(4-fluorophenyl)-1-butanone; R-1625-d4; Aloperidin-d4; Bioperidolo-d4; Brotopon-d4; Dozic-d4; Einalon S-d4;

Structure



CAS Number

1189986-59-1

Solubility

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

Shipping Condition

This Product Is Stable To Be Shipped At Room Temperature

Molecular Formula

C₂₁H₁₉D₄ClFNO₂

Source of Product

Synthetic

Long Term Storage Conditions

-20°C

Molecular Weight

379.89

Purity

>95%

2. Warnings

Not Determined

3. Analytical Information



<u>Tests</u>	<u>Specifications</u>	<u>Results</u>
Appearance	White to Off-White Solid	White to Off-White Solid
NMR	Conforms to Structure	Conforms
F NMR	Conforms to Structure	Conforms
HPLC Purity	>95%	97.32% (196 nm)
MS	Conforms to Structure	Conforms
Isotopic Purity	>95%	98.9% (d ₀ = 0.00%)
Specific Rotation	Report Result	0.0° (c = 0.1, Methanol)

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

<u>Reviewed by</u>	<u>Reviewed by</u>	<u>C of A Approved by</u>	<u>Test Date</u>	<u>Retest Date</u>
Evan Burns			1/10/2022	1/8/2026
Evan Burns	Toni Rantanen	Chanell Chu		
Product Quality Specialist	Manager, Quality Assurance	Jr. Quality Assurance		