



1. Identification

Catalogue Number

V755002

Lot Number

1-WJX-105-1

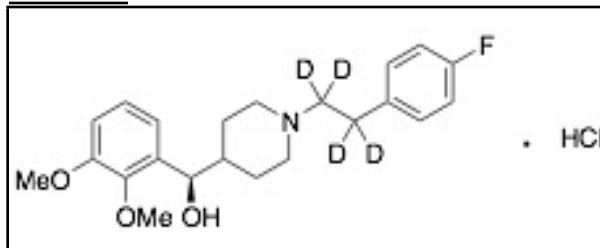
Product Name

Volinanserin-d4 Hydrochloride Salt

Synonyms

(αR)-α-(2,3-Dimethoxyphenyl)-1-[2-(4-fluorophenyl)ethyl-d4]-4-piperidinemethanol Hydrochloride; (+)-α-(2,3-Dimethoxyphenyl)-1-[2-(4-fluorophenyl)ethyl-d4]-4-piperidinemethanol Hydrochloride; (+)-MDL 100907-d4; M 100907-d4; MDL 100907-d4; R-MDL 100907-d4;

Structure



CAS Number

1217617-73-6

Solubility

Methanol (Slightly), Water (Slightly)

Shipping Condition

This Product Is Stable To Be Shipped At Room Temperature

Molecular Formula

C₂₂H₂₅D₄ClFNO₃

Source of Product

Synthetic

Long Term Storage Conditions

-20°C, Hygroscopic

Molecular Weight

413.95

Purity

96%

2. Warnings

Hygroscopic

3. Analytical Information

Tests	Specifications	Results
Appearance	Light Yellow to Light Beige Solid	Yellow to Dark Yellow Solid
NMR	Conforms to Structure	Conforms
F NMR	Conforms to Structure	Conforms
Elemental Analysis	Conforms	%C: 60.29, %H: 7.18, %N: 2.83
HPLC Purity	Report Result	98.62% (220 nm)
MS	Conforms to Structure	Conforms
Isotopic Purity	>95%	96.8%
Water Content	Report Result	~3.9% based on Elemental Analysis
Chloride Content	Report Result	8.3%
Specific Rotation	Report Result	+20.7° (c = 0.2, Methanol)

Additional Information

Normalized Intensity: d₀ = 0.00%, d₁ = 0.00%, d₂ = 0.41%, d₃ = 11.81%, d₄ = 87.78%

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
			7/26/2022	7/24/2029
Sarbjit Kaur	Toni Rantanen	Christina Gouliaras		
Product Quality Specialist	Manager, Quality Assurance	Quality Assurance Associate		