



1. Identification

Catalogue Number

D229152

Lot Number

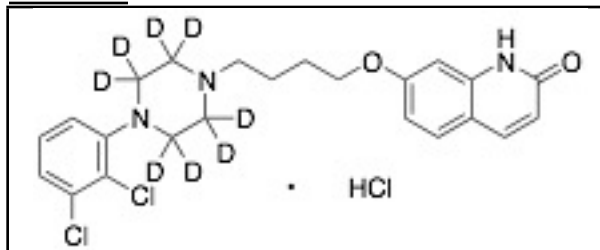
2024-MYF-054

Product Name

Dehydro Aripiprazole-d8 Hydrochloride

Synonyms

7-[4-[4-(2,3-Dichlorophenyl)-1-piperazinyl-d8]butoxy]-2(1H)-quinolinone Hydrochloride;

StructureCAS Number

1215383-78-0

Solubility

DMSO (Slightly), Methanol (Slightly)

Shipping Condition

This Product Is Stable To Be Shipped At Room Temperature With Dry Pack

Molecular Formula $C_{23}H_{17}D_8Cl_2N_3O_2 \cdot HCl$ Source of Product

Synthetic

Long Term Storage Conditions

-20°C, Hygroscopic

Molecular Weight

454.42 + (36.46)

Purity

97%

2. Warnings

Hygroscopic


3. Analytical Information

<u>Tests</u>	<u>Specifications</u>	<u>Results</u>
Appearance	White to Brown Solid	White Solid
NMR	Conforms to Structure	Conforms
Elemental Analysis	Conforms	%C: 55.73, %H: 5.25, %N: 8.39
HPLC Purity	Report Result	97.58% (215 nm)
MS	Conforms to Structure	Conforms
Isotopic Purity	>95%	99.9%

Additional InformationNormalized Intensity: $d_0 = 0.03\%$, $d_1 = 0.00\%$, $d_2 = 0.00\%$, $d_3 = 0.10\%$, $d_4 = 0.03\%$, $d_5 = 0.00\%$, $d_6 = 0.09\%$, $d_7 = 0.00\%$, $d_8 = 99.75\%$

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

<u>Reviewed by</u>	<u>Reviewed by</u>	<u>C of A Approved by</u>	<u>Test Date</u>	<u>Retest Date</u>
 Jingning Zhou Product Quality Specialist	 Toni Rantanen Manager, Quality Assurance	 Chanell Chu Quality Assurance Associate	7/24/2024	7/22/2028