

**1. Identification**Catalogue Number

Z700902

Lot Number

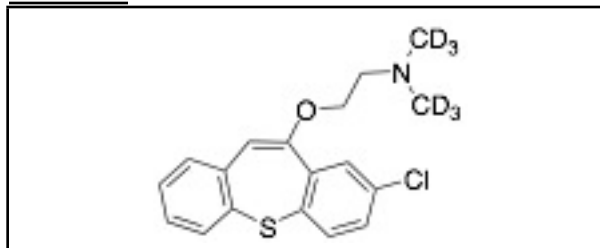
7-TMH-141-2

Product Name

Zotepine-d6

Synonyms

2-[(8-Chlorodibenzo[b,f]thiepin-10-yl)oxy]-N,N-dimethylethanamine-d6; Dibenzo[b,f]thiepin Ethanamine Deriv.-d6; Lodopin-d6; Nipolept-d6;

StructureCAS Number

N/A

Solubility

DMSO (Slightly), Ethyl Acetate (Slightly)

Shipping Condition

This Product Is Stable To Be Shipped At Room Temperature

Molecular FormulaC<sub>18</sub>H<sub>12</sub>D<sub>6</sub>ClNOSSource of Product

Synthetic

Long Term Storage Conditions

4°C

Molecular Weight

337.9

Purity

98%

**2. Warnings**

Not Determined

**3. Analytical Information**Tests

Appearance

Specifications

Light Yellow to Brown Solid

Results

Light Yellow to Yellow Solid

NMR

Conforms to Structure

Conforms

HPLC Purity

Report Result

99.78% (265 nm)

MS

Conforms to Structure

Conforms

Isotopic Purity

&gt;95%

98.8%

Additional InformationNormalized Intensity: d<sub>0</sub> = 0.00%, d<sub>1</sub> = 0.00%, d<sub>2</sub> = 0.00%, d<sub>3</sub> = 0.00%, d<sub>4</sub> = 0.23%, d<sub>5</sub> = 6.93%, d<sub>6</sub> = 92.85%

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

Sarbjit Kaur

Product Quality Specialist

Reviewed by

Toni Rantanen

Manager, Quality Assurance

C of A Approved by

Chanell Chu

Quality Assurance Associate

Test Date

9/26/2023

Retest Date

9/24/2030