



CERTIFICATE OF ANALYSIS

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1. Identification

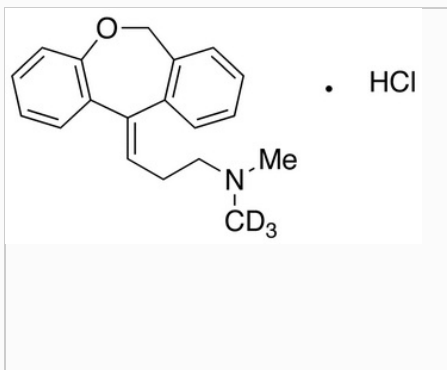
Catalogue Number: D550002

CAS Number: 347840-07-7

Product: Doxepin-d3 Hydrochloride

Synonym: 11-(3-Dimethylaminopropylidene-d3)-6,11-dihydrodibenz[b,e]oxepin Hydrochloride;

Structure:



Molecular Formula:

C₁₉H₁₉D₃ClNO

Molecular weight:

318.86

Source of Product:

Synthetic

Solubility:

Methanol (Slightly), Water (Slightly)

Lot Number: 2-LLH-8-1

Purity: 95%

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

Storage Condition: -20°C

2. Warning

Warning 1:

Warning 2:

Warning 3:

3. Analytical Information

Tests:	Specifications:	Results:
Appearance	White to Yellow Solid	Off White to Pale Yellow Solid
NMR	Conforms to Structure	Conforms
Elemental Analysis	Conforms	%C: 70.38, %H: 7.00, %N: 4.27
HPLC Purity	Report Result	97.07% (205 nm)
MS	Conforms to Structure	Conforms
Isotopic Purity	>95%	>99.9%

Additional Information:

Normalized Intensity: d0 = 0.00%, d1 = 0.04%, d2 = 0.00%, d3 = 99.96%

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

Reviewed By

Henry Tieu

Reviewed By

Toni Rantanen

C of A Approved By

Chanell Chu

Test Date

3/28/2024

Retest Date

3/26/2028