



CERTIFICATE OF ANALYSIS

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1. Identification

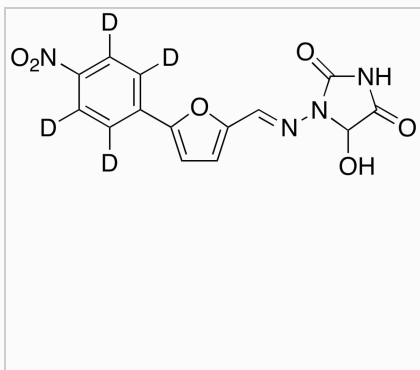
Catalogue Number: H825177

CAS Number: 1217225-15-4

Product: 5-Hydroxy Dantrolene-d4

Synonym: 5-Hydroxy-1-[[[5-(4-nitrophenyl-d4)-2-furanyl]methylene]amino]-2,4-imidazolidine-

Structure:



Molecular Formula:

C₁₄H₆D₄N₄O₆

Molecular weight:

334.28

Source of Product:

Synthetic

Solubility:

DMSO (Slightly), Methanol (Slightly, Heated)

Lot Number: 4-SGP-135-1

Purity: 95%

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

Storage Condition: 4°C

2. Warning

Warning 1: Hygroscopic

Warning 2:

Warning 3:

3. Analytical Information

Tests:	Specifications:	Results:
Appearance	Yellow to Dark Yellow Solid	Orange to Dark Yellow Solid
NMR	Conforms to Structure	Conforms
Elemental Analysis	Conforms	%C: 48.14, %H: 3.47, %N: 15.20
MS	Conforms to Structure	Conforms
Isotopic Purity	>95%	98.6%
Water Content	Report Result	4.6% based on Elemental Analysis

Additional Information:

Elemental Analysis: (Theoretical) %C: 50.30, %H: 3.02, %N: 16.76
Normalized Intensity: d0 = 0.00%, d1 = 0.18%, d2 = 0.59%, d3 = 3.78%, d4 = 95.44%

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	Reviewed By	C of A Approved By	Test Date	Retest Date
Eric Beaton	Toni Rantanen	My Nguyen	3/30/2020	3/28/2027