



CERTIFICATE OF ANALYSIS

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1. Identification

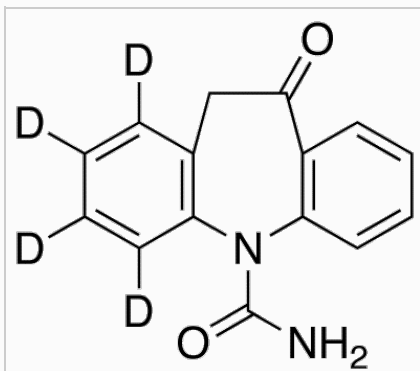
Catalogue Number: O869252

CAS Number: 1020719-71-4

Product: Oxcarbazepine-D4 (Major)

Synonym: 10,11-Dihydro-10-oxo-5H-dibenz[b,f]azepine-5-carboxamide-d4; Aurene-d4; GP 47680-d4; Oxacarbazepine-d4; Oxecarb-d4; Oxetol-d4; Trileptal-d4;

Structure:



Molecular Formula:

C₁₅H₈D₄N₂O₂

Molecular weight:

256.29

Source of Product:

Synthetic

Solubility:

Chloroform (Slightly),
Methanol (Slightly, Heated)

Lot Number: 4-CGJ-134-2

Purity: 97%

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

Storage Condition: -20°C

2. Warning

Warning 1: Not Determined

Warning 2:

Warning 3:

3. Analytical Information

Tests:	Specifications:	Results:
Appearance	White to Pale Orange Solid	Pale Yellow Solid
NMR	Conforms to Structure	Conforms
MS	Conforms to Structure	Conforms
Elemental Analysis	Conforms	%C: 68.91, %H: 4.43, %N: 10.65
HPLC Purity	Report Result	99.97% (220 nm)

Additional Information:

TLC Conditions: SiO₂; Dichloromethane : Methanol = 9 : 1; Visualized with UV and AMCS; Single Spot, R_f = 0.55. Elemental Analysis: (Theoretical) %C: 70.29, %H: 4.72, %N: 10.93 Normalized Intensity: d₀ = 0.11%, d₁ = 0.06%, d₂ = 4.47%, d₃ = 38.51%, d₄ = 56.85% Contains: 1.5% Dichloromethane

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
Eric Beaton	Toni Rantanen	My Nguyen	1/14/2020	1/12/2030