



CERTIFICATE OF ANALYSIS

20 Martin Ross Avenue, North York, ON, M3J 2K8, CANADA
Tel: (416) 665-9696, Fax: (416) 665-4439
Email: orders.trc@lgcgroup.com Website: www.trc-canada.com

1. Identification

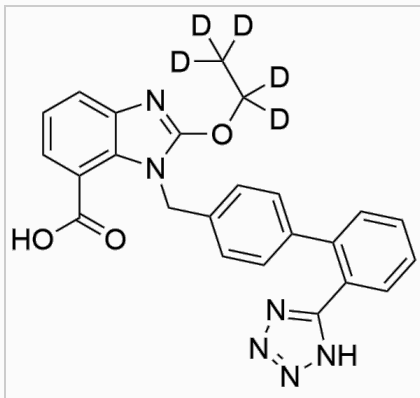
Catalogue Number: C175577

CAS Number: 1189650-58-5

Product: Candesartan-d5

Synonym: 2-Ethoxy-1-[[2'-(1H-tetrazol-5-yl)[1,1'-biphenyl]-4-yl]methyl]-1H-benzimidazole-7-carboxylic Acid-d5

Structure:



Molecular Formula:

C₂₄H₁₅D₅N₆O₃

Molecular weight:

445.48

Source of Product:

Synthetic

Solubility:

DMSO (Slightly), Ethyl Acetate (Slightly, Heated), Methanol (Slightly)

Lot Number: 15-YMK-178-7

Purity: 95%

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

Storage Condition: -20°C

2. Warning

Warning 1:

Warning 2:

Warning 3:

3. Analytical Information

Tests:	Specifications:	Results:
Appearance	White to Pale Grey Solid	Off-White Solid
NMR	Conforms to Structure	Conforms
Elemental Analysis	Conforms	%C: 62.45, %H: 4.43, %N: 17.34
HPLC Purity	Report Result	95.50% (220 nm)
MS	Conforms to Structure	Conforms
Isotopic Purity	>95%	99.5%

Additional Information:

Normalized Intensity: d0 = 0.04%, d1 = 0.04%, d2 = 0.01%, d3 = 0.11%, d4 = 1.98%, d5 = 97.81%.

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

Henry Tieu

Reviewed By

Toni Rantanen

C of A Approved By

Chanell Chu

Test Date

4/27/2023

Retest Date

4/25/2027