



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

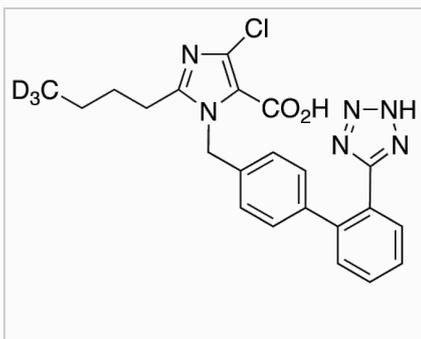
Catalogue Number: L470512

CAS Number: 1189729-40-5

Product: Losartan-d3 Carboxylic Acid

Synonym: 2-(Butyl-d3)-4-chloro-1-[[2'-(1H-tetrazol-5-yl)[1,1'-biphenyl]-4-yl]methyl]-1H-imidazole-5-carboxylic Acid; EXP 3174-d3;

Structure:



Molecular Formula:

C₂₂H₁₈D₃ClN₆O₂

Molecular weight:

439.92

Source of Product:

Synthetic

Solubility:

Methanol (Slightly)

Lot Number: 5-ELZ-170-3

Purity: 95%

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

Storage Condition: -20°C, Hygroscopic

2. Warning

Warning 1:

Warning 2:

Warning 3:

3. Analytical Information

Tests:	Specifications:	Results:
Appearance	Off-White to Dark Yellow Solid	Yellow to Dark Yellow Solid
NMR	Conforms to Structure	Conforms
MS	Conforms to Structure	Conforms
Elemental Analysis	Conforms	%C: 56.00, %H: 4.80, %N: 17.37
Isotopic Purity	>95%	99.9%
Water Content	Report Result	3.1% based on Elemental Analysis
HPLC Purity	>95%	99.29% (255 nm)

Additional Information:

Elemental Analysis: (Theoretical) %C: 60.07, %H: 4.82, %N: 19.10
Normalized Intensity: d0 = 0.04%, d1 = 0.03%, d2 = 0.00%, d3 = 99.93%

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	10/14/2020	10/12/2030