



CERTIFICATE OF ANALYSIS

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1. Identification

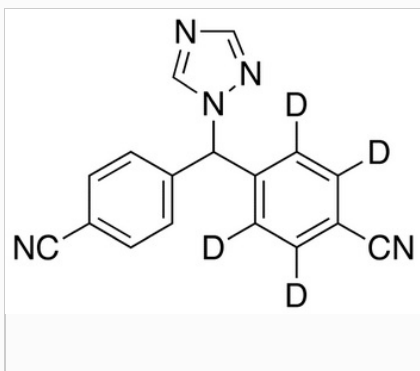
Catalogue Number: L330102

CAS Number: 1133712-96-5

Product: Letrozole-d4 (major)

Synonym: 4,4'-(1H-1,2,4-Triazol-1-ylmethylene)bisbenzonitrile-d4; 4-[1-(4-Cyanophenyl)-1-(1,2,4-triazol-1-yl)methyl]benzonitrile-d4; CGS 20267-d4; Femara-d4; Lerozole-d4; Letrazole-d4;

Structure:



Molecular Formula:

C₁₇H₇D₄N₅

Molecular weight:

289.33

Source of Product:

Synthetic

Solubility:

Chloroform (Slightly), Ethyl Acetate (Slightly)

Lot Number: 1-RIT-31-1

Purity: 97%

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	Off-White to Light Yellow Solid	Pale Yellow to Light Yellow Solid
FT-IR	Conforms to Structure	Conforms
NMR	Conforms to Structure	Conforms
MS	Conforms to Structure	Conforms
HPLC Purity	>95%	97.70% (205 nm)

Additional Information:

Normalized Intensity: d0 = 0.00%, d1 = 0.00%, d2 = 1.88%, d3 = 17.94%, d4 = 80.18%

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
Hanxiang Li	Toni Rantanen	My Nguyen	11/30/2020	11/28/2027

Hanxiang Li

Toni Rantanen

My Nguyen