



CERTIFICATE OF ANALYSIS

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1. Identification

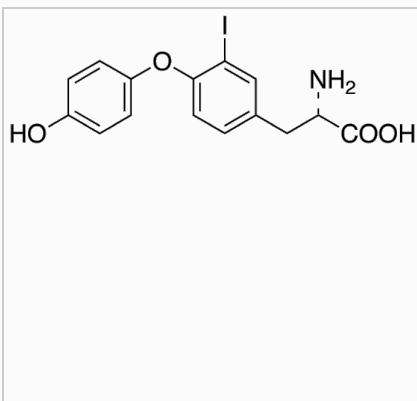
Catalogue Number: I721500

CAS Number: 10468-90-3

Product: 3-Iodo-L-tyrosine

Synonym: O-(4-Hydroxyphenyl)-3-iodo-L-tyrosine; 3-[4-(p-Hydroxyphenoxy)-3-iodophenyl]

Structure:



Molecular Formula:

C₁₅H₁₄INO₄

Molecular weight:

399.18

Source of Product:

Synthetic

Solubility:

DMSO (Slightly), Ethanol:1M
HCl = 2:1 (Slightly), Methanol (Slightly)

Lot Number: 7-MPT-96-9

Purity: 96%

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

Storage Condition: -20°C, Inert atmosphere

2. Warning

Warning 1:

Warning 2:

Warning 3:

3. Analytical Information

Tests:	Specifications:	Results:
Appearance	Off-White to Brown Solid	Pale Orange to Orange Solid
NMR	Conforms to Structure	Conforms
Elemental Analysis	Conforms	%C: 44.15, %H: 3.88, %N: 3.67
MS	Conforms to Structure	Conforms
Specific Rotation	Report Result	+20.7° (c = 0.5, Ethanol : 1N HCl = 2 : 1)

Additional Information: Contains: ~0.9% Acetic Acid

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
Nicole Yip	Toni Rantanen	Chanell Chu	6/17/2021	6/15/2025