

1. Identification

Catalogue Number

T795382

Lot Number

11-JMR-17-1

Product Name

3,3',5-Triiodo-L-thyronine-13C6

Synonyms

O-(4-Hydroxy-3-iodophenyl)-3,5-diiodo-L-tyrosine-13C6; Liothyronine-13C6; T3; L-T3-13C6; 3,3',5-Triiodothyronine-13C6; T3 (Hormone)-13C6; Tresitope-13C6; Triiodothyronine-13C6;

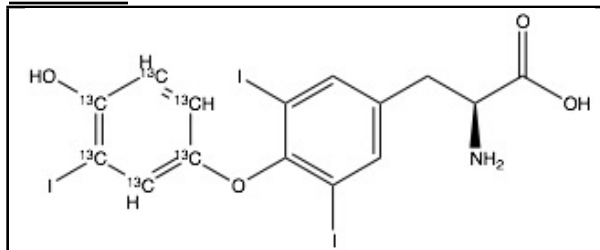
CAS Number

1217843-81-6

Solubility

DMSO (Slightly), Methanol (Slightly)

Structure



Shipping Condition

This Product Is Stable To Be Shipped At Room Temperature

Molecular Formula

C₉¹³C₆H₁₂I₃NO₄

Source of Product

Synthetic

Long Term Storage Conditions

4°C

Molecular Weight

656.93

Purity

>95%

2. Warnings

Not Determined

3. Analytical Information

<u>Tests</u>	<u>Specifications</u>	<u>Results</u>
Appearance	Pale Beige to Brown Solid	Light Beige to Light Brown Solid
NMR	Conforms to Structure	Conforms
C NMR	Conforms to Structure	Conforms
Elemental Analysis	Conforms	%C: 26.48, %H: 1.93, %N: 2.15
HPLC Purity	>95%	98.30% (225 nm)
MS	Conforms to Structure	Conforms
Isotopic Purity	>95%	98.5% (¹³ C ₀ = 0.24%)
Specific Rotation	Report Result	+18.6° (c = 0.1, Ethanol : 0.1M HCl = 2 : 1)

Additional Information

N/A

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

<u>Reviewed by</u>	<u>Reviewed by</u>	<u>C of A Approved by</u>	<u>Test Date</u>	<u>Retest Date</u>
Evan Burns			10/15/2021	10/13/2025
Evan Burns	Toni Rantanen	Chanell Chu		
Product Quality Specialist	Manager, Quality Assurance	Jr. Quality Assurance		