



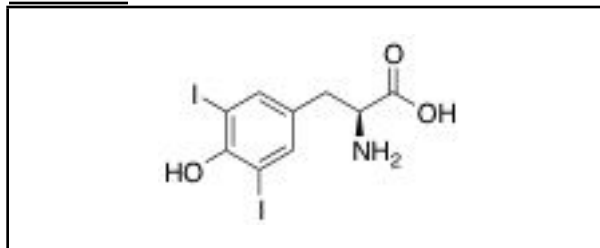
1. Identification

Catalogue Number

D466055

Lot Number

711959070-1-1

Structure**Product Name**

3,5-Diiodo-L-tyrosine

Synonyms

3,5-Diiodo-L-tyrosine; 3',5'-Diiodo-L-tyrosine; Bijodtyrosin; DIT; DIT (amino acid);

CAS Number

300-39-0

Solubility

Aqueous Acid (Slightly), DMSO (Slightly)

Shipping Condition

This Product Is Stable To Be Shipped At Room Temperature

Molecular Formula $C_9H_9I_2NO_3$ **Source of Product**

N/A

Long Term Storage Conditions

4°C

Molecular Weight

432.98

Purity

>95%

2. Warnings

Not Determined

3. Analytical Information

Tests	Specifications	Results
Appearance	White to Pale Beige Solid	Off-White to Pale Beige Solid
NMR	Conforms to Structure	Conforms
Elemental Analysis	Conforms	%C: 23.39, %H: 2.60, %N: 3.03
HPLC Purity	>95%	96.75% (220 nm)
MS	Conforms to Structure	Conforms
Specific Rotation	Report Result	+1.0° (c = 0.2, 1N HCl)

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 $\pm 2\%$. 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
			3/7/2024	3/5/2028
swathi reddy	Toni Rantanen	Chanell Chu		
Product Quality Specialist	Manager, Quality Assurance	Quality Assurance Associate		