

**1. Identification**Catalogue Number

E919880

Lot Number

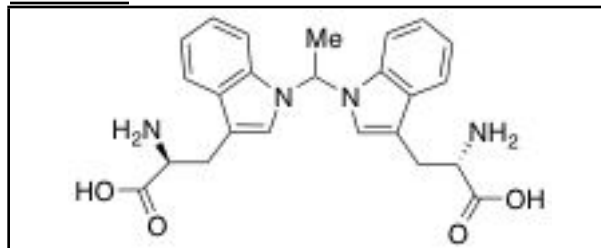
7-CMC-55-3

Product Name

1,1'-Ethylidenebis[L-tryptophan]

Synonyms

1,1'-Ethylidenebis-L-tryptophan; USP Tryptophan Related Compound A;

StructureCAS Number

132685-02-0

Solubility

Aqueous Base (Slightly)

Shipping Condition

This Product Is Stable To Be Shipped At Room Temperature

Molecular FormulaC₂₄H₂₆N₄O₄Source of Product

Synthetic

Long Term Storage Conditions

-20°C, Inert atmosphere

Molecular Weight

434.49

Purity

96%

2. Warnings

Hygroscopic, Unstable In Acidic Solution

3. Analytical InformationTests

Appearance

Specifications

Pale Yellow to Brown Solid

Results

Pale Yellow to Pale Beige Solid

NMR

Conforms to Structure

Conforms

Elemental Analysis

Conforms

%C: 60.08, %H: 6.35, %N: 12.33

HPLC Purity

Report Result

98.45% (220 nm)

MS

Conforms to Structure

Conforms

Water Content

Report Result

~5.6% based on Elemental Analysis

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. SignaturesReviewed by

Evan Burns

Reviewed byC of A Approved byTest Date

6/27/2022

Retest Date

6/25/2026

Evan Burns

Toni Rantanen

Chanell Chu

Product Quality Specialist

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Jr. Quality Assurance