



## 1. Identification

**Catalogue Number**

D531300

**Lot Number**

14-ARD-187-2

**Product Name**

Domoic Acid

**Synonyms**

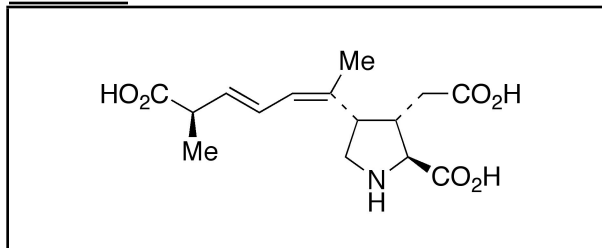
(2S,3S,4S)-2-Carboxy-4-[(1Z,3E,5R)-5-carboxy-1-methyl-1,3-hexadien-1-yl]-3-pyrrolidineacetic Acid; (-)-Domoic Acid; L-Domoic Acid; NSC 288031; DA

**CAS Number**

14277-97-5

**Solubility**

Methanol (Very Slightly), Water (Slightly)

**Structure****Molecular Formula** $C_{15}H_{21}NO_6$ **Source of Product**

Synthetic

**Long Term Storage Conditions**

-20°C, Inert atmosphere, Light sensitive

**Molecular Weight**

311.33

**Purity**

93%

## 2. Warnings

Light Sensitive

## 3. Analytical Information

**Tests**

Appearance

**Specifications**

White to Pale Beige Solid

**Results**

White to Off-White Solid

NMR

Conforms to Structure

Conforms

HPLC Purity

Report Result

92.98% (240 nm)

MS

Conforms to Structure

Conforms

**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**

Swathi Reddy

Product Quality Specialist

**Reviewed by**

Toni Rantanen

Manager, Quality Assurance

**C of A Approved by**

Christina Gouliaras

Quality Assurance Associate

**Test Date**

7/24/2024

**Retest Date**

7/22/2028