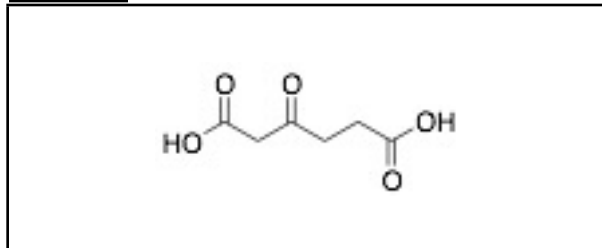


**1. Identification**Catalogue Number

O856825

Lot Number

37-MJC-13-1

StructureProduct Name

3-Oxohexanedioic Acid

Synonyms3-Ketoadipic Acid; 3-Oxadipic Acid; NSC 18511; β -Ketoadipic Acid; β -Oxadipic Acid;CAS Number

689-31-6

Solubility

DMSO (Slightly), Methanol (Slightly)

Shipping Condition

This Product Is Stable To Be Shipped At Room Temperature

Molecular Formula $C_6H_8O_5$ Source of Product

Synthetic

Long Term Storage Conditions

4°C

Molecular Weight

160.12

Purity

>95%

2. Warnings

Not Determined

3. Analytical InformationTests

Appearance

Specifications

White to Pale Yellow Solid

Results

White to Off-White Solid

NMR

Conforms to Structure

Conforms

HPLC Purity

>95%

98.70% (ELSD)

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. SignaturesReviewed by

Nicole Yip

Product Quality Specialist

Reviewed by

Toni Rantanen

Manager, Quality Assurance

C of A Approved by

Chanell Chu

Quality Assurance Associate

Test Date

5/10/2025

Retest Date

5/8/2029