



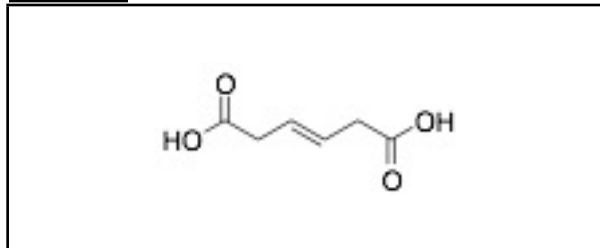
1. Identification

Catalogue Number

TRC-H294905

Lot Number

3-GUN-136-1

StructureProduct Name

trans-3-Hexenedioic Acid

Synonyms3-Hexenedioic Acid; β -Hydromuconic Acid; 2-Butene-1,4-dicarboxylic Acid; Dihydromuconic AcidCAS Number

4436-74-2

Solubility

DMSO (Slightly), Methanol (Slightly)

Shipping Condition

This Product Is Stable To Be Shipped At Room Temperature

Molecular Formula $C_6H_8O_4$ Source of Product

N/A

Long Term Storage Conditions

-20°C

Molecular Weight

144.13

Purity

98%

2. Warnings

Not Determined

3. Analytical Information

Tests

Appearance

Specifications

White to Off-White Solid

Results

White to Off-White Solid

NMR

Conforms to Structure

Conforms

Elemental Analysis

Conforms

%C: 49.91, %H: 5.27

GC

>95%

98.79%

MS

Conforms to Structure

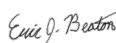
Conforms

Additional Information

Elemental Analysis: (Theoretical) %C: 50.00, %H: 5.59

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

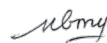
Eric Beaton

Product Quality Specialist

Reviewed by

Toni Rantanen

Manager, Quality Assurance

C of A Approved by

My Nguyen

Quality Assurance Associate

Test Date

6/3/2020

Retest Date

6/1/2024