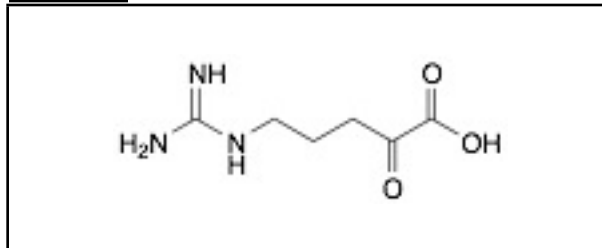


**1. Identification**Catalogue Number

G412100

Lot Number

3-MPV-147-5

Product Name δ -Guanido-a-ketovaleric AcidSynonyms5-Guanidino-2-oxo-valeric Acid; 5-[(Aminoiminomethyl)amino]-2-oxopentanoic Acid; 2-Oxo-5-guanidinovaleic Acid; 5-Guanidino-2-oxovaleric Acid; α -Keto- δ -guanidinovaleic Acid; δ -Guanidino- α -oxovaleric Acid;StructureCAS Number

3715-10-4

Solubility

DMSO (Slightly), Methanol (Very Slightly), Water (Slightly)

Shipping Condition

This Product Is Stable To Be Shipped At Room Temperature

Molecular FormulaC₆H₁₁N₃O₃Source of Product

Synthetic

Long Term Storage Conditions

-20°C, Inert atmosphere

Molecular Weight

173.17

Purity

>95%

2. Warnings

Not Determined

3. Analytical InformationTests

Appearance

Specifications

White to Off-White Solid

Results

White to Off-White Solid

NMR

Conforms to Structure

Conforms

HPLC Purity

>95%

98.46% (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

Jr. Quality Assurance

Test Date

3/20/2023

Retest Date

3/18/2027