

1. Identification

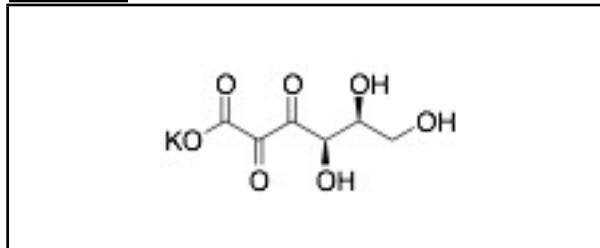
Catalogue Number

D467925

Lot Number

8-PGG-89-9

Structure



Product Name

2,3-Diketogulonic Acid Potassium Salt (Technical Grade)

Synonyms

Potassium (4R,5S)-4,5,6-Trihydroxy-2,3-dioxohexanoate;

CAS Number

2062656-92-0

Solubility

Water (Slightly)

Shipping Condition

This Product Is Stable To Be Shipped With Dry Ice

Molecular Formula

C₆H₇KO₇

Source of Product

Synthetic

Long Term Storage Conditions

-86°C, Hygroscopic

Molecular Weight

230.21

Purity

Technical Grade

2. Warnings

Hygroscopic, Temperature Sensitive

3. Analytical Information

Tests

Appearance

Specifications

Yellow to Very Dark Orange Solid

Results

Dark Yellow to Very Dark Yellow Solid

NMR

Conforms to Structure

Conforms

C NMR

Conforms to Structure

Conforms

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 ± 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

R. Reddy

Reviewed by

Toni Rantanen

C of A Approved by

Chanell Chu

Test Date

3/31/2025

Retest Date

3/29/2029

Swathi Reddy

Toni Rantanen

Chanell Chu

Product Quality Specialist

Manager, Quality Assurance

Quality Assurance Associate