



1. Identification

Catalogue Number

P327502

Lot Number

3-NAV-20-1

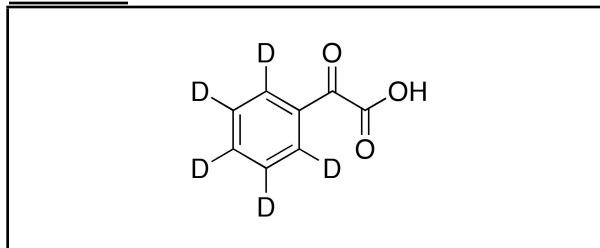
Product Name

Phenylglyoxylic Acid-d5

Synonyms

α -Oxobenzeneacetic Acid-d5; 2-Oxo-2-(phenyl-d5)acetic Acid; 2-Oxo-2-(phenyl-d5)ethanoic Acid; Benzoylformic Acid-d5; α -Ketophenylacetic Acid-d5; NSC 28293-d5;

Structure



CAS Number

1217089-53-6

Solubility

DMSO (Slightly), Methanol (Slightly)

Shipping Condition

This Product Is Stable To Be Shipped At Room Temperature

Molecular Formula

$C_8H_5O_3$

Source of Product

Synthetic

Long Term Storage Conditions

4°C

Molecular Weight

155.16

Purity

>95%

2. Warnings

Not Determined

3. Analytical Information

Tests

Appearance

Specifications

White to Pale Beige Solid

Results

Off-White to Pale Beige Solid

NMR

Conforms to Structure

Conforms

HPLC Purity

>95%

99.86% (255 nm)

MS

Conforms to Structure

Conforms

Isotopic Purity

>95%

98.6%

Additional Information

Normalized Intensity: $d_0 = 0.08\%$, $d_1 = 0.00\%$, $d_2 = 0.11\%$, $d_3 = 0.40\%$, $d_4 = 5.55\%$, $d_5 = 93.87\%$

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

Jessica Wang Chi

Product Quality Specialist

Reviewed by

Toni Rantanen

Manager, Quality Assurance

C of A Approved by

Rami Dhanoa

Quality Assurance Associate

Test Date

2/10/2025

Retest Date

2/8/2029