

1. Identification

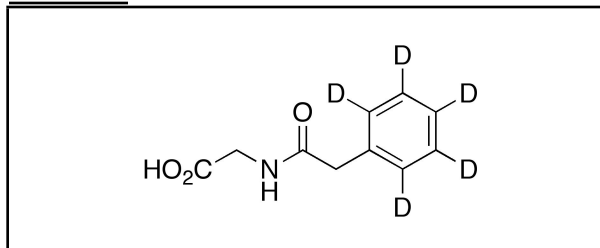
Catalogue Number

P306552

Lot Number

10-QFY-12-1

Structure



Product Name

N-(Phenylacetyl-d5)glycine

Synonyms

Phenaceturic Acid-d5; N-Phenacetyl-d5-glycine; NSC 408424-d5; NSC 92778-d5; Phenacetyl-d5-glycine;

CAS Number

1189920-31-7

Solubility

DMSO (Slightly), Methanol (Slightly)

Shipping Condition

This Product Is Stable To Be Shipped At Room Temperature

Molecular Formula

C₁₀H₆D₅NO₃

Source of Product

Synthetic

Long Term Storage Conditions

4°C

Molecular Weight

198.23

Purity

>95%

2. Warnings

Not Determined

3. Analytical Information

Tests

Appearance

Specifications

White Solid

Results

White Solid

NMR

Conforms to Structure

Conforms

HPLC Purity

>95%

97.14% (205 nm)

MS

Conforms to Structure

Conforms

Isotopic Purity

>95%

98.2%

Additional Information

Normalized Intensity: d₀ = 0.00%, d₁ = 0.00%, d₂ = 0.00%, d₃ = 0.23%, d₄ = 8.62%, d₅ = 91.14%

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

Neha

Neha Khanna

Product Quality Specialist

Reviewed by

Toni Rantanen

Toni Rantanen

Manager, Quality Assurance

C of A Approved by

Chanell Chu

Chanell Chu

Quality Assurance Associate

Test Date

7/26/2023

Retest Date

7/24/2027