

1. Identification

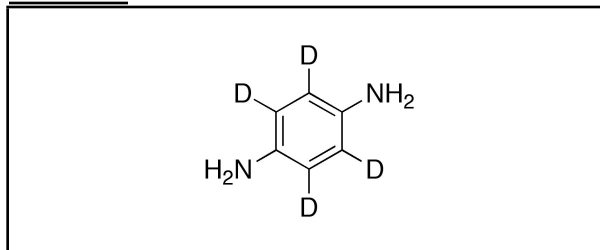
Catalogue Number

P319847

Lot Number

2026-SUM-027

Structure



Product Name

1,4-Phenylenediamine-d4

Synonyms

1,4-Benzenediamine-d4; p-Phenylenediamine-d4; (4-Aminophenyl)amine-d4; 1,4-Diaminobenzene-d4; 1,4-Diaminobenzol-d4; 1,4-Phenylenediamine-d4; 4-Aminoaniline-d4; 4-Phenylenediamine-d4; Benzofur D-d4; C.I. Developer 13-d4; Developer PF-d4; Fouramine D-d4; Peltol D-d4; Fournine 1-d4; Fournine D-d4; ; p-Diaminobenzene-d4; PPD-d4

CAS Number

119516-83-5

Solubility

Chloroform (Slightly), Methanol (Slightly)

Shipping Condition

This Product Is Stable To Be Shipped At Room Temperature

Molecular Formula

C₆H₄D₄N₂

Source of Product

Synthetic

Long Term Storage Conditions

4°C, Inert atmosphere

Molecular Weight

112.17

Purity

>95%

2. Warnings

Not Determined

3. Analytical Information

Tests

Appearance

Specifications

Off-White to Brown Solid

Results

Light Brown Solid

NMR

Conforms to Structure

Conforms

Elemental Analysis

Conforms

%C: 64.60, %H: 7.18, %N: 24.98

HPLC Purity

>95%

100.00% (200 nm)

MS

Conforms to Structure

Conforms

Isotopic Purity

>95%

99.0%

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

Jessica Wang Chi

Product Quality Specialist

Reviewed by

Toni Rantanen

Manager, Quality Assurance

C of A Approved by

Chien Nguyen

QA Coordinator

Test Date

3/6/2026

Retest Date

3/4/2030