

**1. Identification**Catalogue Number

H829402

Lot Number

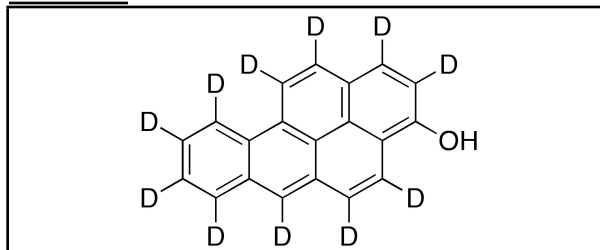
5-LIJ-109-1

Product Name

3-Hydroxy Benzopyrene-d11

Synonyms

Benzo[a]pyren-3-ol-d11; 3-Hydroxy-3,4-benzo[a]pyrene-d11; 3-Hydroxybenzo[a]pyrene-d11;

StructureCAS Number

1246819-35-1

Solubility

DMSO (Slightly), Methanol (Slightly)

Shipping Condition

This Product Is Stable To Be Shipped At Room Temperature

Molecular FormulaC₂₀HD₁₁OSource of Product

Synthetic

Long Term Storage Conditions

4°C

Molecular Weight

279.38

Purity

>95%

2. Warnings

Not Determined

3. Analytical InformationTests

Appearance

Specifications

Light Yellow to Very Dark Brown Solid

Results

Very Dark Yellow Solid

NMR

Conforms to Structure

Conforms

HPLC Purity

>95%

99.27% (260 nm)

MS

Conforms to Structure

Conforms

Isotopic Purity

>95%

97.2%

Additional Information

Normalized Intensity: d₀ = 0.02%, d₁ = 0.03%, d₂ = 0.01%, d₃ = 0.04%, d₄ = 0.01%, d₅ = 0.03%, d₆ = 0.02%, d₇ = 0.01%, d₈ = 0.11%, d₉ = 2.73%, d₁₀ = 23.83%, d₁₁ = 73.18%

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. SignaturesReviewed by

Vijaya Annapareddy

Product Quality Specialist

Reviewed by

Toni Rantanen

Manager, Quality Assurance

C of A Approved by

Chanell Chu

Quality Assurance Associate

Test Date

5/3/2025

Retest Date

5/1/2029