

1. Identification

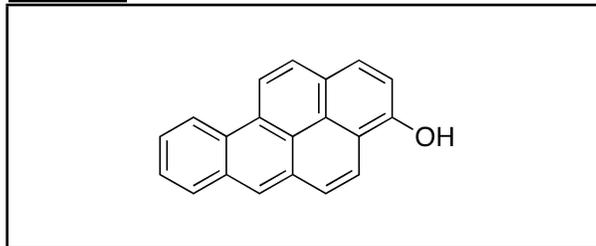
Catalogue Number

H829400

Lot Number

6-MRS-68-3

Structure



Product Name

3-Hydroxy Benzopyrene

Synonyms

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

CAS Number

13345-21-6

Solubility

DMSO (Slightly), Methanol (Slightly,
Heated)

Shipping Condition

This Product Is Stable To Be Shipped At Room
Temperature

Molecular Formula

C₂₀H₁₂O

Source of Product

Synthetic

Long Term Storage Conditions

4°C

Molecular Weight

268.31

Purity

>95%

2. Warnings

Not Determined

3. Analytical Information

Tests

Appearance

Specifications

Yellow to Dark Brown Solid

Results

Yellow to Dark Brown Solid

NMR

Conforms to Structure

Conforms

Elemental Analysis

Conforms

%C: 88.73, %H: 4.22

HPLC Purity

>95%

95.76% (260 nm)

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

Neha Khanna

Neha Khanna

Product Quality Specialist

Reviewed by

Toni Rantanen

Toni Rantanen

Manager, Quality Assurance

C of A Approved by

Chanell Chu

Chanell Chu

Jr. Quality Assurance

Test Date

5/10/2023

Retest Date

5/8/2027