



CERTIFICATE OF ANALYSIS

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1. Identification

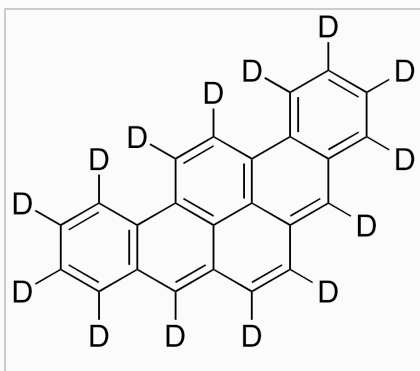
Catalogue Number: D416987

CAS Number: 158776-07-9

Product: Dibenzo[a,i]pyrene-d14

Synonym: Benzo[*rst*]pentaphene-d14;
Benzo[*rst*]pentacene-d14; 1,2:7,8-
Dibenzpyrene-d14; 3,4:9,10-Dibenzopyrene-
d14; Dibenzo[*b,h*]pyrene-d14; NSC 87521-
d14;

Structure:



Molecular Formula:

C₂₄D₁₄

Molecular weight:

316.45

Source of Product:

Synthetic

Solubility:

Chloroform (Slightly),
Methanol (Slightly)

Lot Number: 10-GRS-8-1

Purity: 96%

Shipping Condition: This Product Is Stable To Be
Shipped At Room Temperature

Storage Condition: 4°C

2. Warning

Warning 1:

Warning 2:

Warning 3:

3. Analytical Information

Tests:	Specifications:	Results:
Appearance	Light Yellow to Yellow Solid	Light Yellow to Yellow Solid
NMR	Conforms to Structure	Conforms
HPLC Purity	Report Result	99.08% (295 nm)
MS	Conforms to Structure	Conforms
Isotopic Purity	>95%	97.5% (d0 = 0.00%)

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	Reviewed By	C of A Approved By	Test Date	Retest Date
Meenakshi Sharma	Toni Rantanen	Chanell Chu	11/12/2021	11/10/2025