



CERTIFICATE OF ANALYSIS

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1. Identification

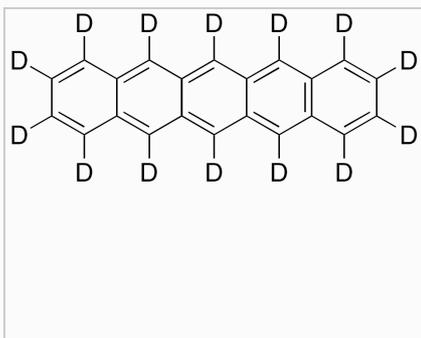
Catalogue Number: P237772

CAS Number: 63912-16-3

Product: Pentacene-d14 (Major)

Synonym: 2,3:6,7-Dibenzanthracene-d14;
Benzo[b]naphthacene-d14;
Dibenz[b,i]anthracene-d14; NSC 90784-d14;
lin-Dibenzanthracene-d14; lin-Naphthoanthracene-d14

Structure:



Molecular Formula:

C₂₂D₁₄

Molecular weight:

292.43

Source of Product:

Synthetic

Solubility:

Insoluble in all solvent tested

Lot Number: 12-DPP-106-1

Purity: 95%

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	Dark Purple Solid	Dark Purple Solid
MS	Conforms to Structure	Conforms

Additional Information:

Observed Intensity: d0 = 0.00%, d1 = 0.00%, d2 = 0.00%, d3 = 0.00%, d4 = 0.00%, d5 = 0.00%, d6 = 0.00%, d7 = 0.00%, d8 = 0.00%, d9 = 0.00%, d10 = 0.00%, d11 = 0.35%, d12 = 0.00%, d13 = 10.36%, d14 = 92.65%

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
Henry Tieu	Toni Rantanen	Christina Gouliaras	1/22/2024	1/20/2028