



CERTIFICATE OF ANALYSIS

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1. Identification

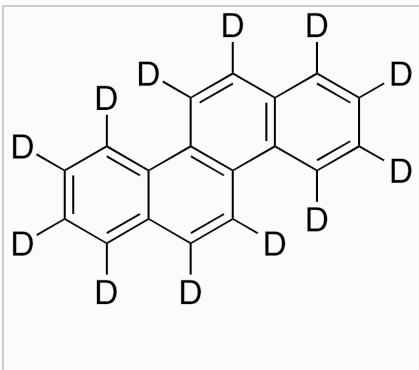
Catalogue Number: C428002

CAS Number: 1719-03-5

Product: Chrysene-d12

Synonym: 1,2-Benzophenanthrene-d12; 1,2-Benzphenanthrene-d12; Benzo[a]phenanthrene-d12; NSC 6175-d12; [4]Phenacene-d12; Dodecadeuteriochrysene; Perdeuteriochrysene;

Structure:



Lot Number: 5-MSW-154-1

Purity: 98%

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

Storage Condition: 4°C

Molecular Formula:

C₁₈D₁₂

Molecular weight:

240.36

Source of Product:

Synthetic

Solubility:

Chloroform (Slightly), DMSO (Slightly), Methanol (Slightly)

2. Warning

Warning 1:

Warning 2:

Warning 3:

3. Analytical Information

Tests:	Specifications:	Results:
Appearance	White to Off-White Solid	White to Off-White Solid
HPLC Purity	Report Result	99.34% (270 nm)
Isotopic Purity	>95%	>95% by NMR
MS	Conforms to Structure	Conforms
NMR	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 $\pm 2\%$. 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
Nicole Yip	Toni Rantanen	Chanel Chu	12/5/2022	12/3/2026