

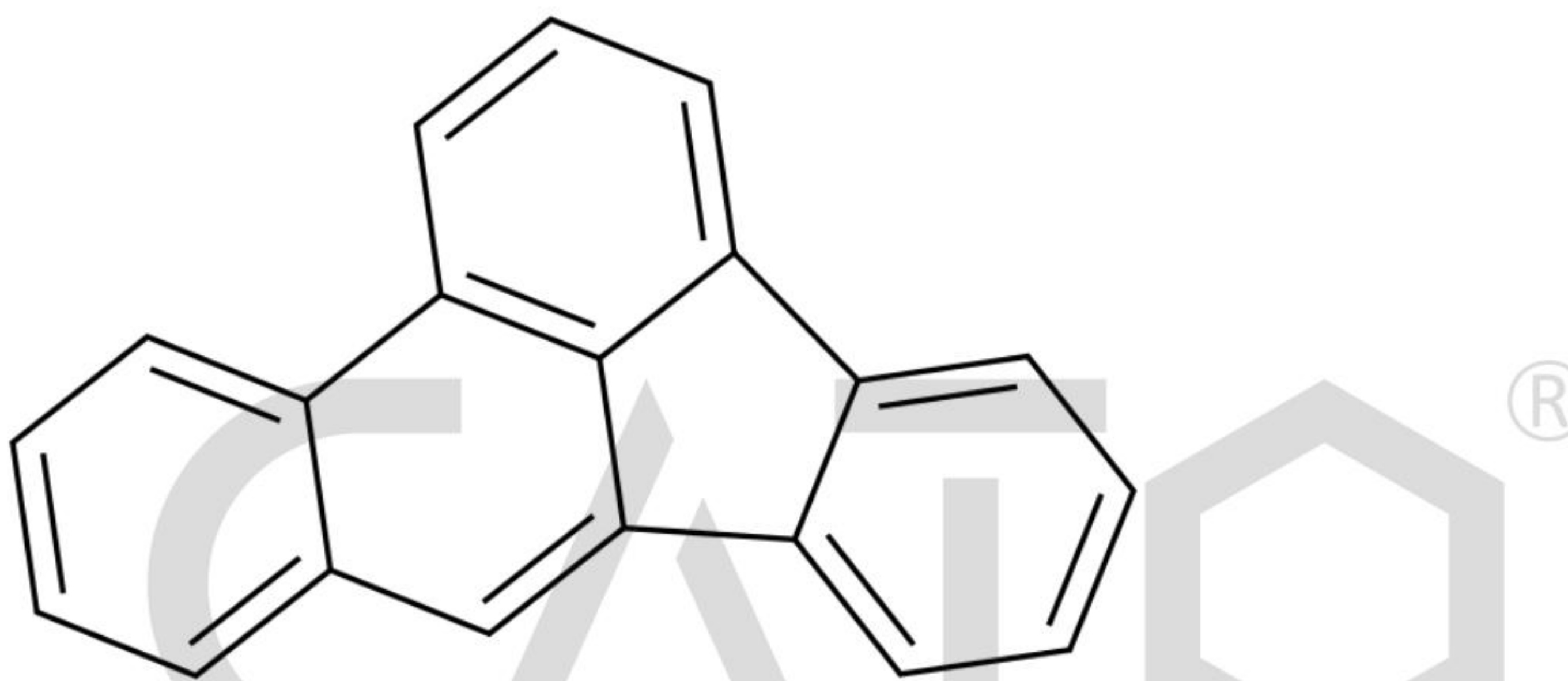
Certificate of Analysis

Reference Material & Standard

Product Name:	Benzo[b]fluoranthene	Catalogue Number:	CPAH111505
Synonyms:	N/A	Lot Number:	0710-RF-0059
CAS Number:	205-99-2	Expiry Date:	Jul 08, 2028
Molecular Formula:	C ₂₀ H ₁₂	Storage:	2°C ~ 8°C Protected from light and Sealed
Molecular Weight:	252.31	Warning:	



Chemical Structure:



Test Items	Method	Results
Appearance	Visual inspection	Off-White Solid
Identification	GCMS&HNMR	Confirmed
Purity	HPLC	99.8%
Assay	qNMR	93.7%
Uncertainty		±2.0%

Comment:

1. Assay was determined by quantitative ¹H-NMR.
2. The uncertainty values are the expanded uncertainty and represent an estimated standard deviation equal to the positive square root of the total variation of the uncertainty of components. A normal distribution is assumed and a coverage factor of K=2 is chosen using approximately a 95% confidence level.

Signature:

Prepared by:

Lisa

Reviewed by:

Hin Lam

Approved by General Manager:

David

Date: Jul 15, 2024

Date: Jul 15, 2024

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