

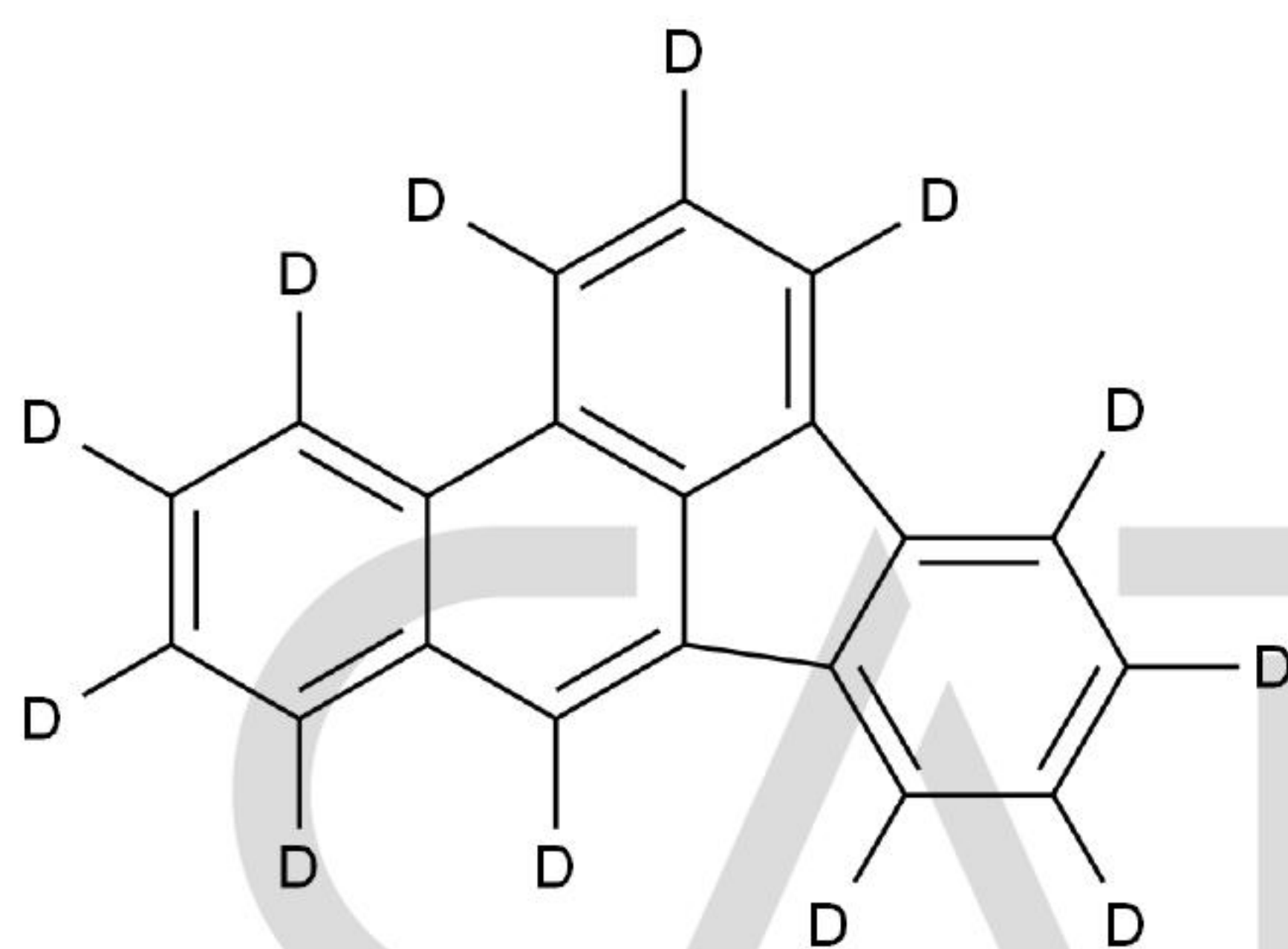
Certificate of Analysis

Reference Material & Standard

Product Name:	Benzo(b)fluoranthene-d12	Catalogue Number:	CCHM701718
Synonyms:	N/A	Lot Number:	0722-RF-0044
CAS Number:	93951-98-5	Expiry Date:	Dec 11, 2027
Molecular Formula:	C20D12	Storage:	2°C ~ 8°C Protected from light and Sealed
Molecular Weight:	264.38	Warning:	



Chemical Structure:



Test Items	Method	Results
Appearance	Visual inspection	Yellow Solid
Identification	HNMR	Confirmed
Chemical Purity	HPLC	98.4%
Isotopic Purity		97.9%
Uncertainty		±2.0%

Comment:

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:

Hinlam

Approved by General Manager:

David

Date: Jul 31, 2024

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