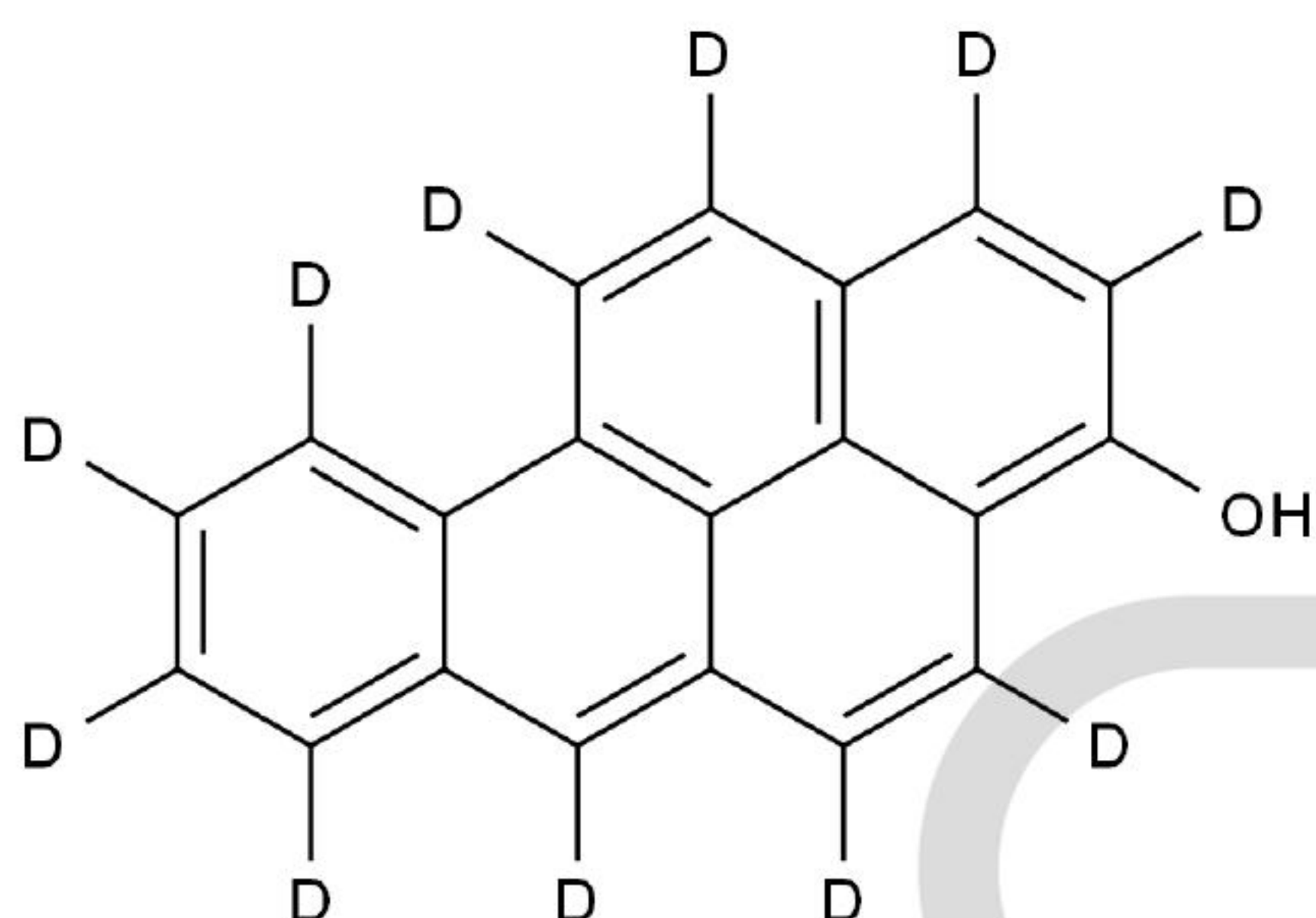


Certificate of Analysis

Reference Material & Standard

Product Name:	3-Hydroxy Benzopyrene-d11	Catalogue Number:	CCHM703158
Synonyms:	N/A	Lot Number:	0303-RE-0018
CAS Number:	1246819-35-1	Expiry Date:	Jan 05, 2026
Molecular Formula:	C20HD11O	Storage:	2°C ~ 8°C Protected from light and Sealed
Molecular Weight:	279.38		
Chemical Structure:			



Test Items	Method	Results
Appearance	Visual inspection	Very Dark Yellow Solid
Identification	LCMS&HNMR	Confirmed
Chemical Purity	HPLC	99.1%
Isotopic Purity		97.5%
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:

Xenia

Aproved by General Manager:

David

Date: Jan 06, 2022

Date: Mar 08, 2023

Date: Mar 08, 2023

