

Certificate of Analysis

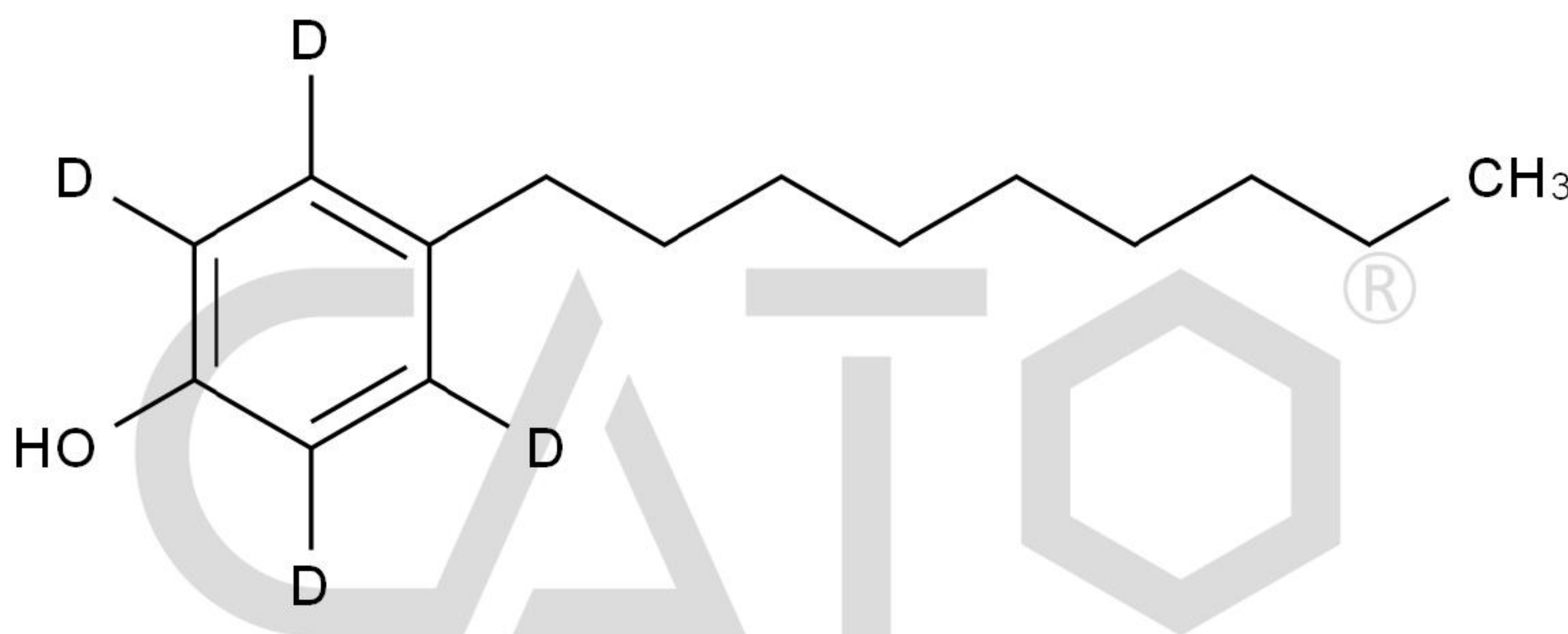
Reference Material & Standard

Product Name:	4-Nonylphenol-2,3,5,6-d4	Catalogue Number:	CCHM702818
Synonyms:	N/A	Lot Number:	0921-RE-0040
CAS Number:	1173019-62-9	Expiry Date:	May 25, 2025
Molecular Formula:	C ₁₅ H ₂₀ D ₄ O	Storage:	2°C ~ 8°C Protected from light and Sealed
Molecular Weight:	224.38	Shipping Condition:	Shipping at Room Temperature

Warning:



Chemical Structure:



Test Items	Method	Results
Appearance	Visual inspection	White Solid
Identification	LCMS&HNMR	Confirmed
Chemical Purity	UPLC	99.1%
Isotopic Purity		98.39
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:

Lily

Reviewed by:

Hin Lam

Approved by General Manager:

David

Date: Sep 25, 2023

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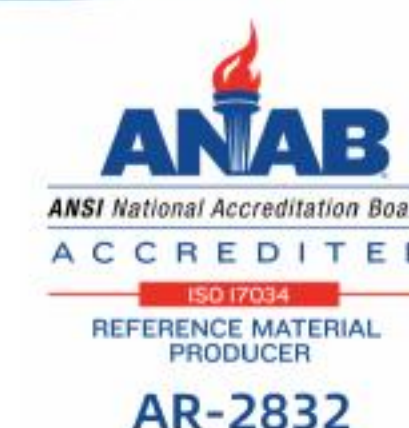
Add: 3rd Floor, Building B, No.179, Guangpu Rd East, Huangpu District, Guangzhou, China

Tel: +86-20-81960175

Email: supports@cato-chem.com

Web: <https://www.cato-chem.com>

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