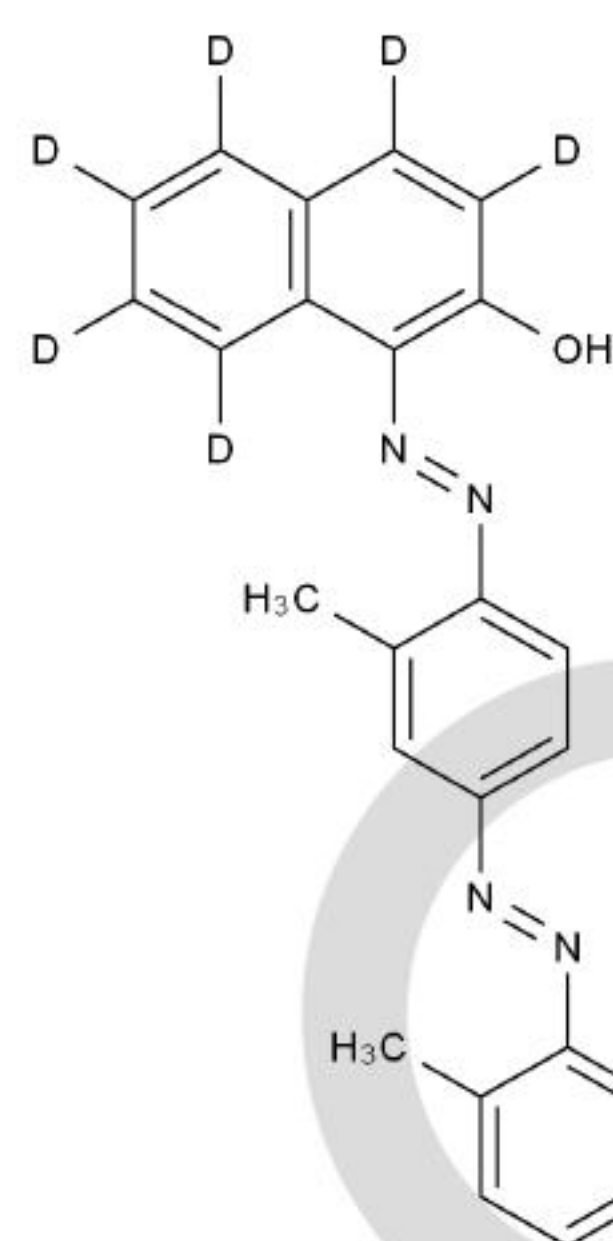


Certificate of Analysis

Reference Material & Standard

Product Name:	Sudan 4 D6 (naphthyl D6)	Catalogue Number:	CCHM702286
Synonyms:	N/A	Lot Number:	0508-RH-0103
CAS Number:	1014689-18-9	Expiry Date:	Apr 20, 2029
Molecular Formula:	C ₂₄ H ₁₄ D ₆ N ₄ O	Storage:	2°C ~ 8°C Protected from light and Sealed
Molecular Weight:	386.48	Shipping Condition:	Shipping at Room Temperature

Chemical Structure:



Test Items	Method	Results
Appearance	Visual inspection	Red-Brown Solid
Identification	LCMS&HNMR	Confirmed
Chemical Purity	HPLC	96.2%
Isotopic Purity		98.07%(D6: 90.30%; D5: 7.80%; D4: 1.90%)
Uncertainty		±0.8%

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:

Hin Lam

Approved by General Manager:

David

Date: May 09, 2026

Date: May 09, 2026

Date: May 09, 2026



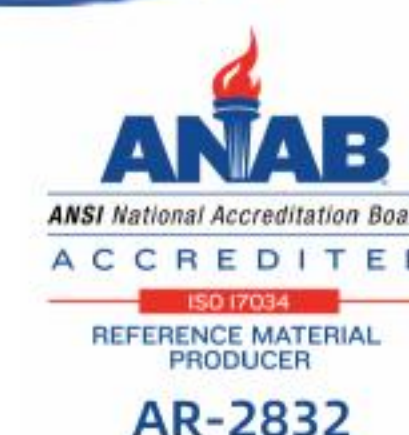
Add: 3rd Floor, Building B, No.179, Guangpu Rd East, Huangpu District, Guangzhou, China

Tel: +86-20-81960175

Email: supports@cato-chem.com

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

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