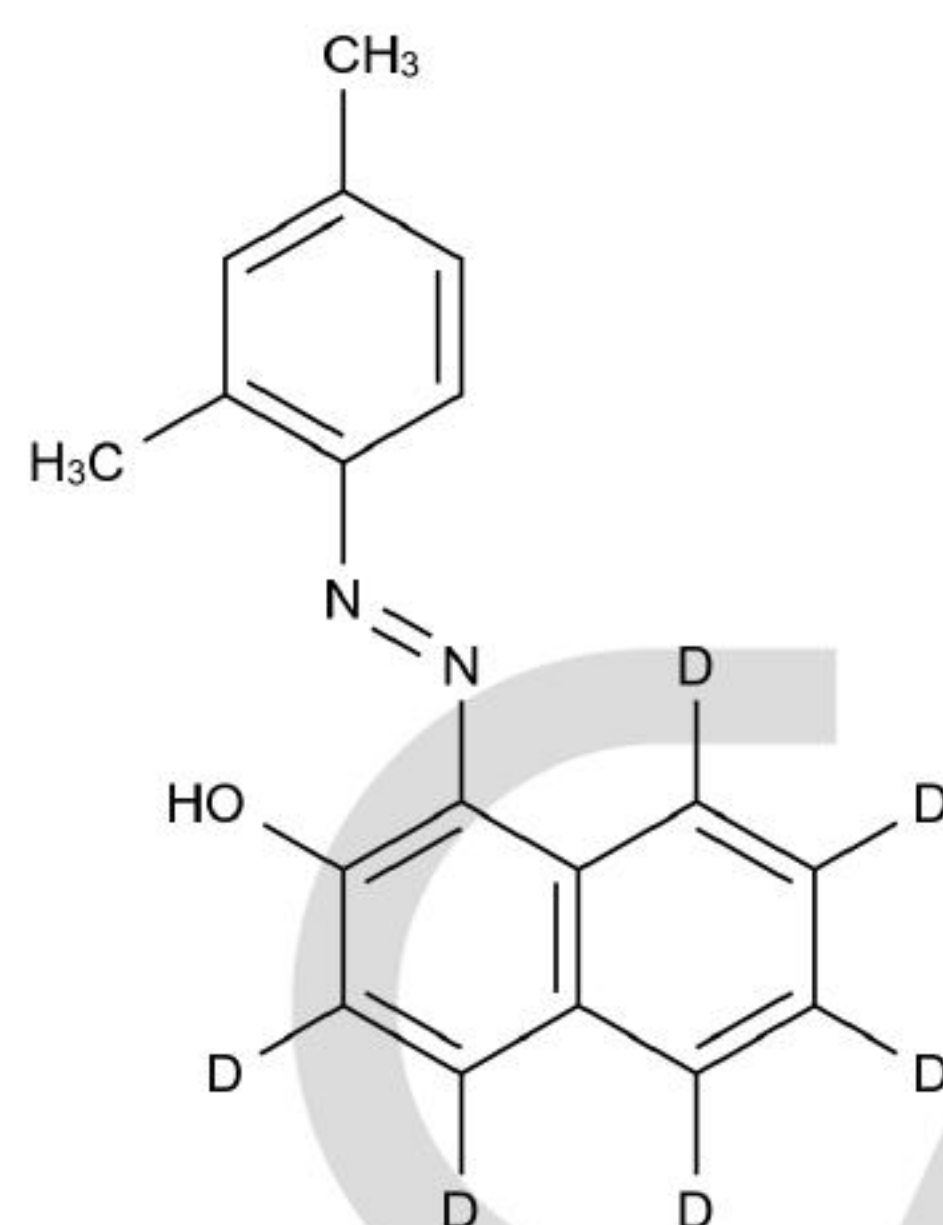


Certificate of Analysis

Reference Material & Standard

Product Name:	Sudan 2 D6 (naphthyl D6)	Catalogue Number:	CCHM702214
Synonyms:	N/A	Lot Number:	0527-RH-0078
CAS Number:	1014689-15-6	Expiry Date:	Jun 06, 2030
Molecular Formula:	C ₁₈ H ₁₀ D ₆ N ₂ O	Storage:	2°C ~ 8°C Protected from light and Sealed
Molecular Weight:	282.37	Shipping Condition:	Shipping at Room Temperature

Chemical Structure:



Test Items	Method	Results
Appearance	Visual inspection	Red Solid
Identification	LCMS&HNMR	Confirmed
Chemical Purity	HPLC	98.4%
Isotopic Purity		99.9%
Uncertainty		±0.3%

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: May 29, 2026

Date: May 29, 2026

Date: May 29, 2026



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