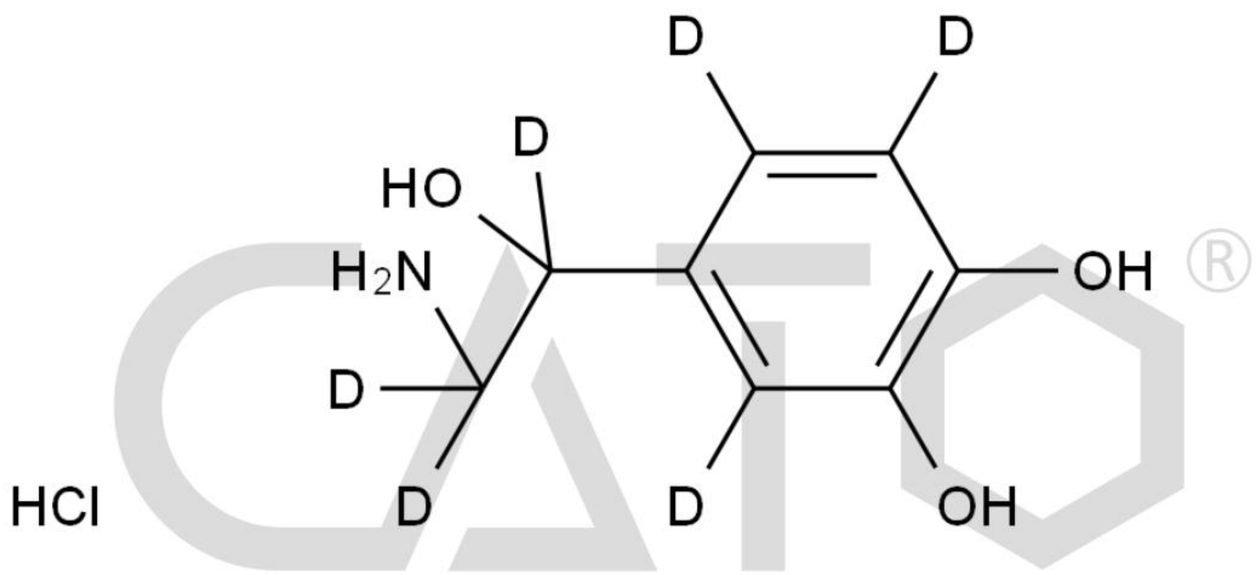
Certificate of Analysis

Reference Material & Standard

Product Name:	(±)-Norepinephrine-2,5,6,α,β,β-d6 HCl	**Catalogue Number:**	CCAD302226
Synonyms:	N/A	**Lot Number:**	0922-RH-0004
CAS Number:	1219803-04-9	**Expiry Date:**	Sep 22, 2030
Molecular Formula:	$C_8H_5D_6NO_3$ HCl	**Storage:**	-20°C±5°C Protected from light and Sealed
Molecular Weight:	175.21 36.46	**Shipping Condition:**	Shipping with Ice Packs

Chemical Structure:



Test Items	Method	Results
Appearance	Visual inspection	White Solid
Identification	HRMS&HNMR	Confirmed
Chemical Purity	HPLC	98.7%
Isotopic Purity		98.0%
Uncertainty		±0.3%

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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 Date: Sep 23, 2026

Reviewed by: Hinlam Date: Sep 23, 2026

Approved by General Manager: David Date: Sep 23, 2026

CATO Research Chemicals Inc.