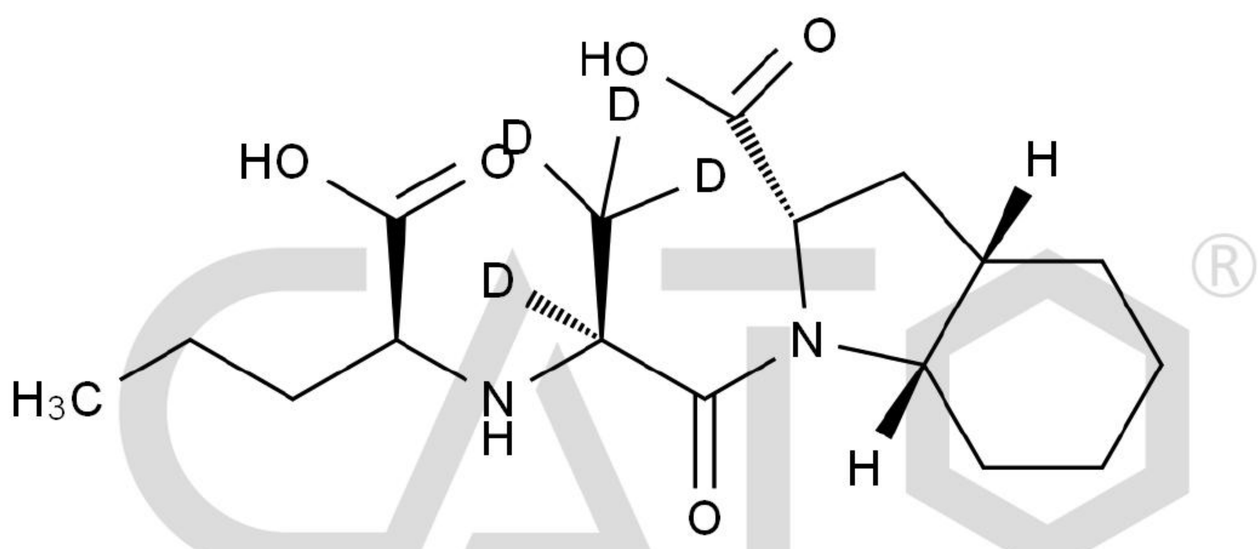
Certificate of Analysis

Reference Material & Standard

Product Name:	Perindopril EP Impurity B-d4	**Catalogue Number:**	C4X-125220
Synonyms:	N/A	**Lot Number:**	0126-RF-0013
CAS Number:	1356841-18-3	**Expiry Date:**	Jan 01, 2030
Molecular Formula:	$C_{17}H_{24}D_4N_2O_5$	**Storage:**	-20°C±5°C Protected from light and Sealed
Molecular Weight:	344.44	**Shipping Condition:**	Shipping with Ice Packs

Chemical Structure:



Test Items	Method	Results
Appearance	Visual inspection	White to Off-White Solid
Identification	LCMS&IR&HNMR	Confirmed
Chemical Purity	HPLC	98.1%
Isotopic Purity		98.0%
Specific Rotation		[α]D20.0(c=0.27,H2O): -63.7°
Assay	qNMR	84.6%

CATO Research Chemicals Inc.

Comment:

The compound contains 0.4% d0 according to its LC-MS.

Signature:

Prepared by: Date: Oct 26, 2026

Reviewed by: Date: Oct 26, 2026

Approved by General Manager: Date: Oct 26, 2026

CATO Research Chemicals Inc.