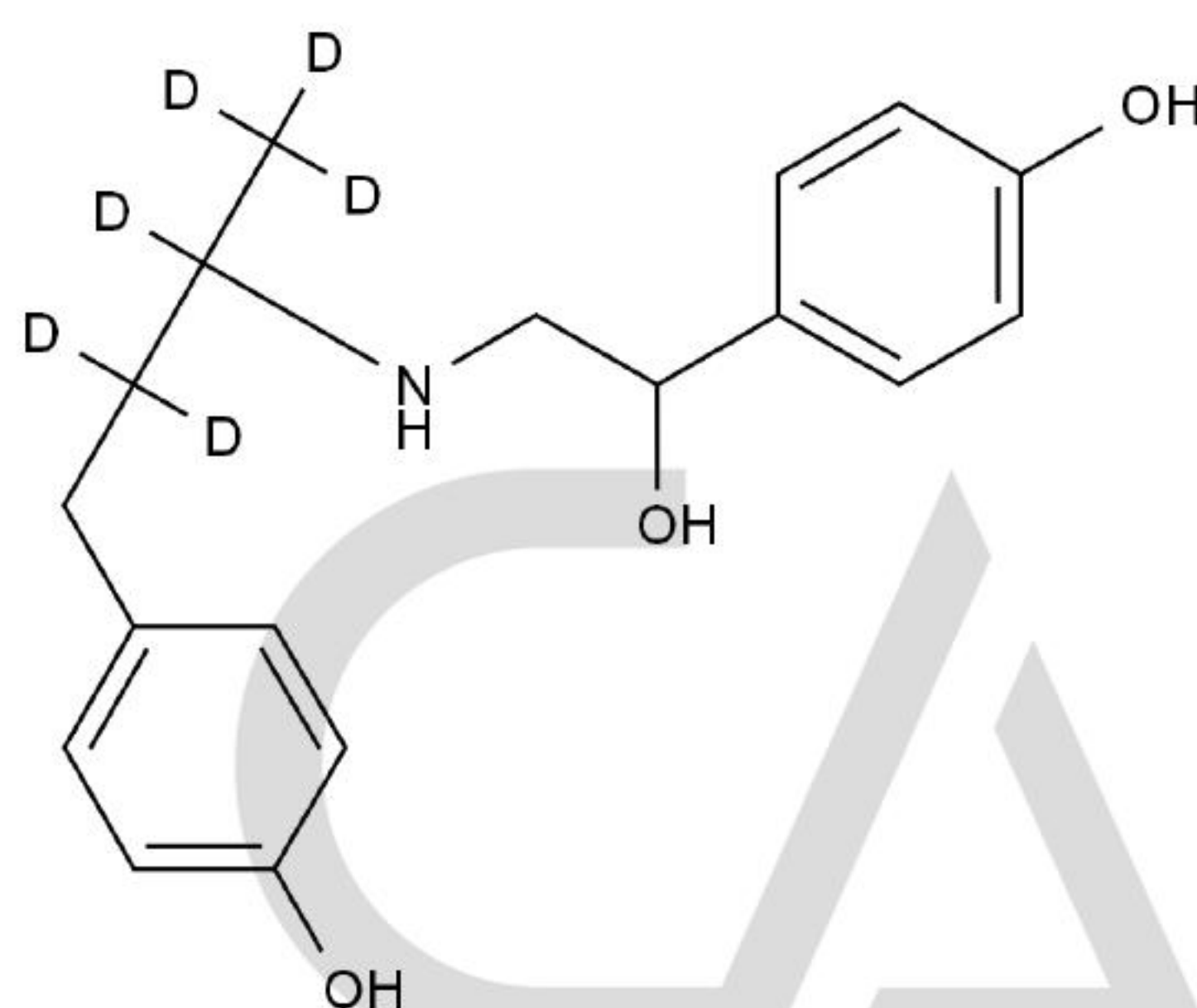


Certificate of Analysis

Reference Material & Standard

Product Name:	Ractopamine-d6 (Mixture of Diastereomers)	Catalogue Number:	C4X-190853
Synonyms:	N/A	Lot Number:	0424-RF-0022
CAS Number:	1185177-97-2	Expiry Date:	Apr 17, 2027
Molecular Formula:	C ₁₈ H ₁₇ D ₆ NO ₃	Storage:	2°C ~ 8°C Protected from light and Sealed
Molecular Weight:	307.42	Shipping Condition:	Shipping at Room Temperature

Chemical Structure:



Test Items	Method	Results
Appearance	Visual inspection	White to Off-White Solid
Identification	LCMS&IR&HNMR	Confirmed
Chemical Purity	HPLC	97.1266%
Isotopic Purity		98.4
Water Content	Karl Fischer	1.30%
Residual Solvents	NMR	1.6% methanol
Assay		94.3%

Comment:

1. Mixture of Diastereomers.

2. The calculation of the mass balance method follows the formula (calculated on the non-dried basis):

Assay (%) = (100% - Water Content - Residual Solvents) * Purity HPLC (%) / 100%

Water Content and Residual Solvents are considered as absolute effect, HPLC purity is considered as relative effect.

Signature:

Prepared by:

Lily

Reviewed by:

Hinlam

Approved by General Manager:

David

Date: Apr 25, 2024

Date: Apr 25, 2024

Date: Apr 25, 2024



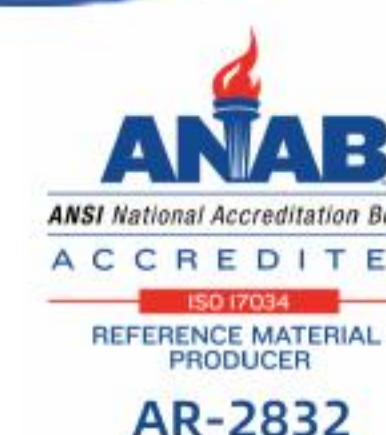
Add: 3rd Floor, Building B, No.179, Guangpu Rd East, Huangpu District, Guangzhou, China

Tel: +86-20-81960175

Email: supports@cato-chem.com

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

Page 1 of 6



Official
WeChat