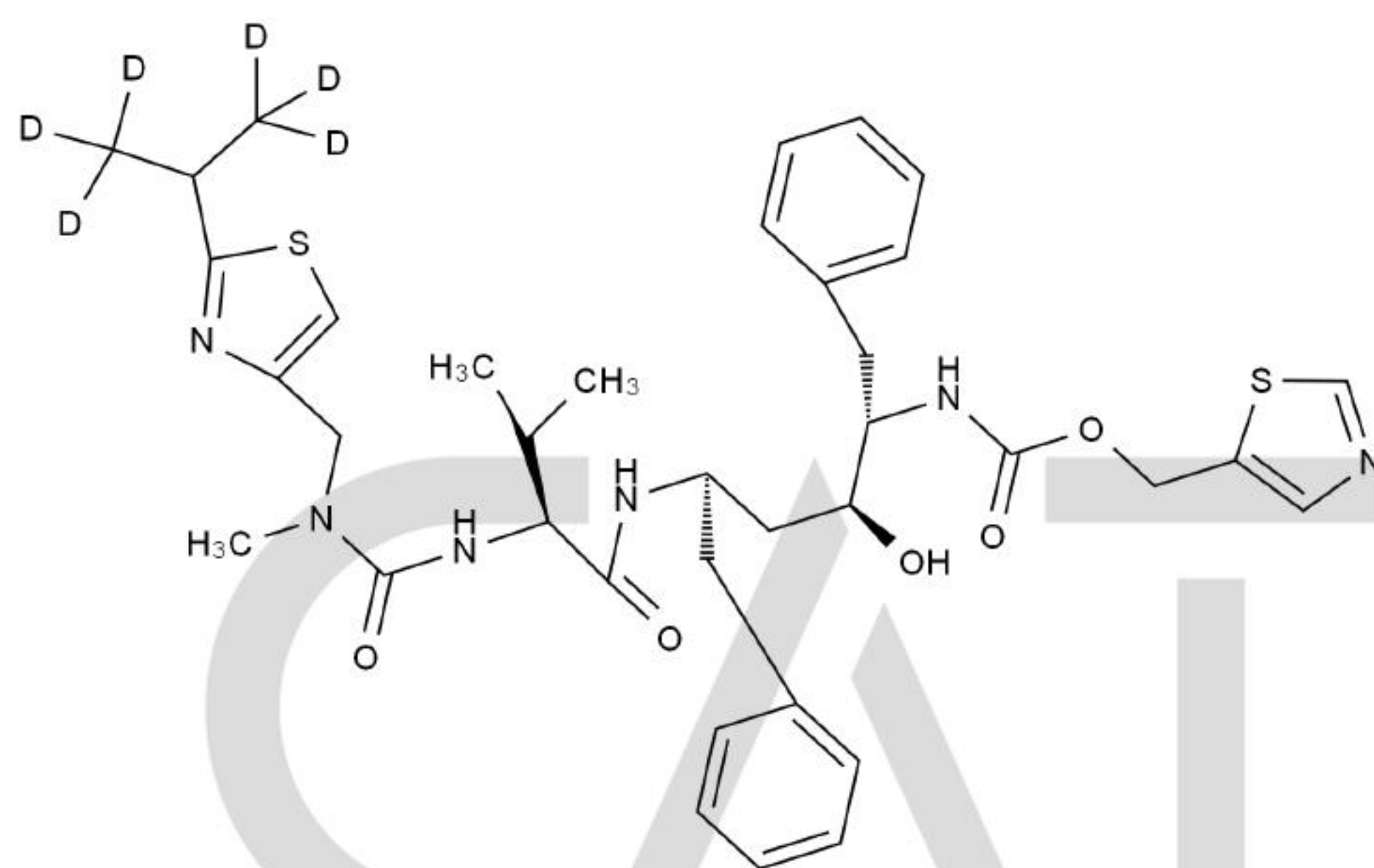


Certificate of Analysis

Reference Material & Standard

Product Name:	Ritonavir-d6	Catalogue Number:	C4X-175128
Synonyms:	N/A	Lot Number:	0109-RE-0029
CAS Number:	155213-67-5(unlabelled)	Expiry Date:	Nov 03, 2024
Molecular Formula:	C ₃₇ H ₄₂ D ₆ N ₆ O ₅ S ₂	Storage:	2°C ~ 8°C Protected from light and Sealed
Molecular Weight:	726.98	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	98.8584%
Isotopic Purity		99.4%
Water Content	Karl Fischer	2.7%
Residual Solvents	NMR	Not detected in NMR
Specific Rotation		[α] _D 22.0(c=0.28,CH ₃ OH): +9.1°
Assay		96.2%

Comment:

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:

Nacy

Reviewed by:

Xenia

Approved by General Manager:

David

Date: Nov 04, 2020

Date: Jan 13, 2023

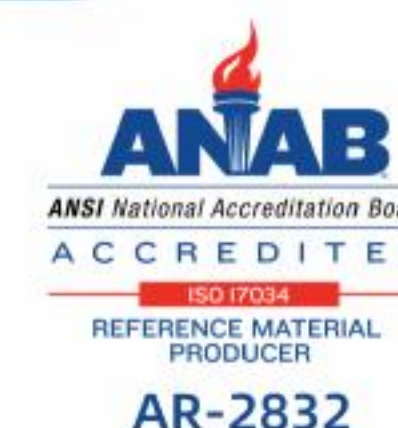
Date: Jan 13, 2023

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>



Official
WeChat