

Certificate of Analysis

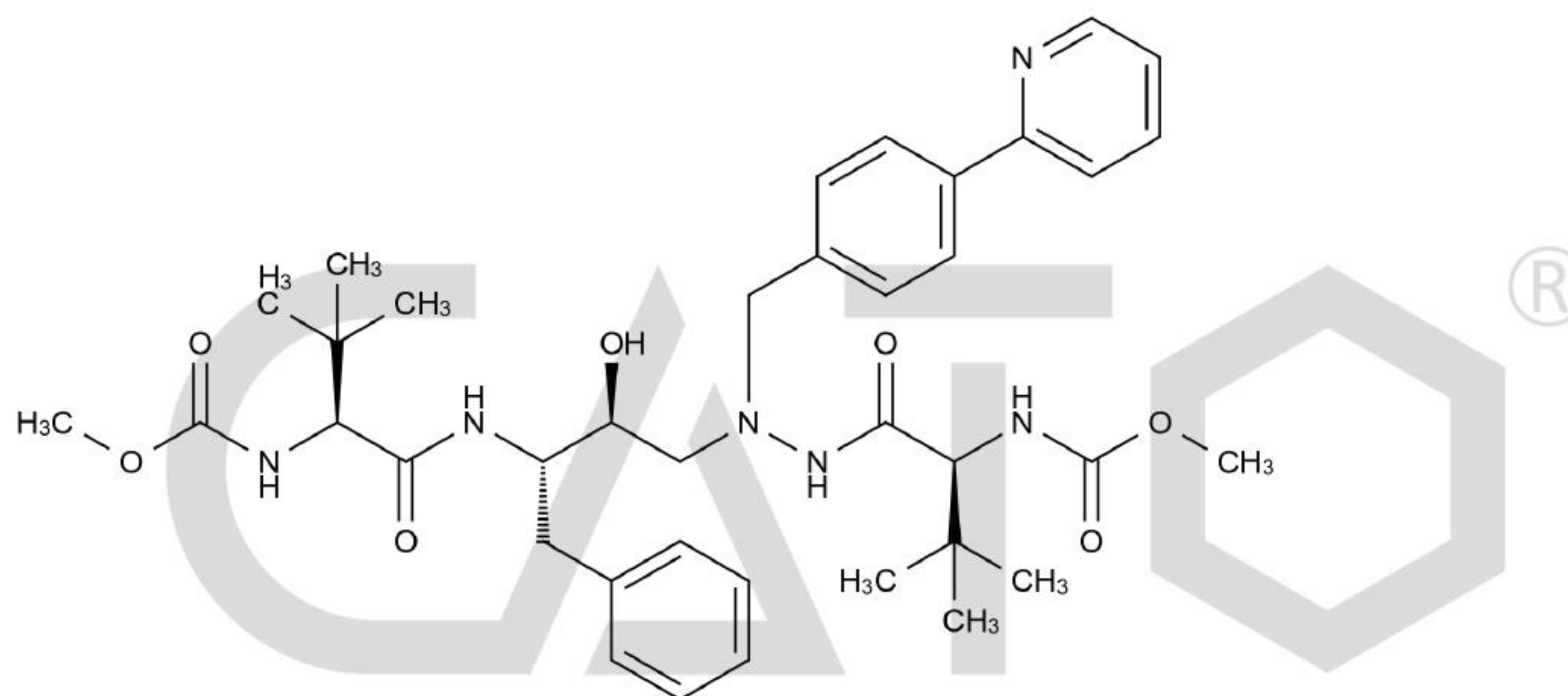
Reference Material & Standard

Product Name:	Atazanavir	Catalogue Number:	CCAD302997
Synonyms:	N/A	Lot Number:	1101-RD-0028
CAS Number:	198904-31-3	Expiry Date:	Nov 13, 2026
Molecular Formula:	C ₃₈ H ₅₂ N ₆ O ₇	Storage:	-20°C±5°C Protected from light and Sealed
Molecular Weight:	704.86	Shipping Condition:	Shipping with Ice Packs

Warning:



Chemical Structure:



Test Items	Method	Results
Appearance	Visual inspection	White Powder
Identification	LCMS&HNMR	Confirmed
Purity	HPLC	100.000%
Water Content	Karl Fischer	0.6273%
Residual Solvents	NMR	1.76% diethyl ether
Assay		97.6%
Uncertainty		±2.0%

Comment:

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

$$\text{Assay (\%)} = (100\% - \text{Water Content} - \text{Residual Solvents}) * \text{Purity HPLC (\%)} / 100\%$$

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

Xenia

Reviewed by:

Hinlam

Approved by General Manager:

David

Date: Nov 14, 2022

Date: Nov 15, 2022

Date: Nov 15, 2022

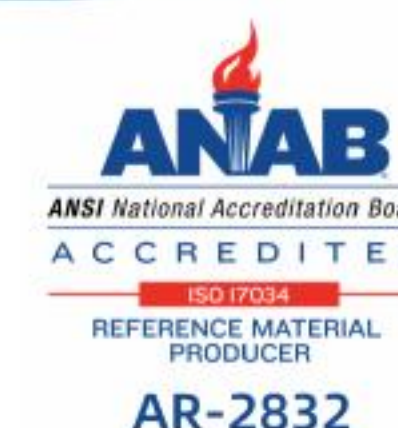
Add: 3rd Floor, Building B, No.179, Guangpu Rd East, Huangpu District, Guangzhou, China

Tel: +86-20-81960175

Email: supports@cato-chem.com

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

Page 1 of 5



Official
WeChat