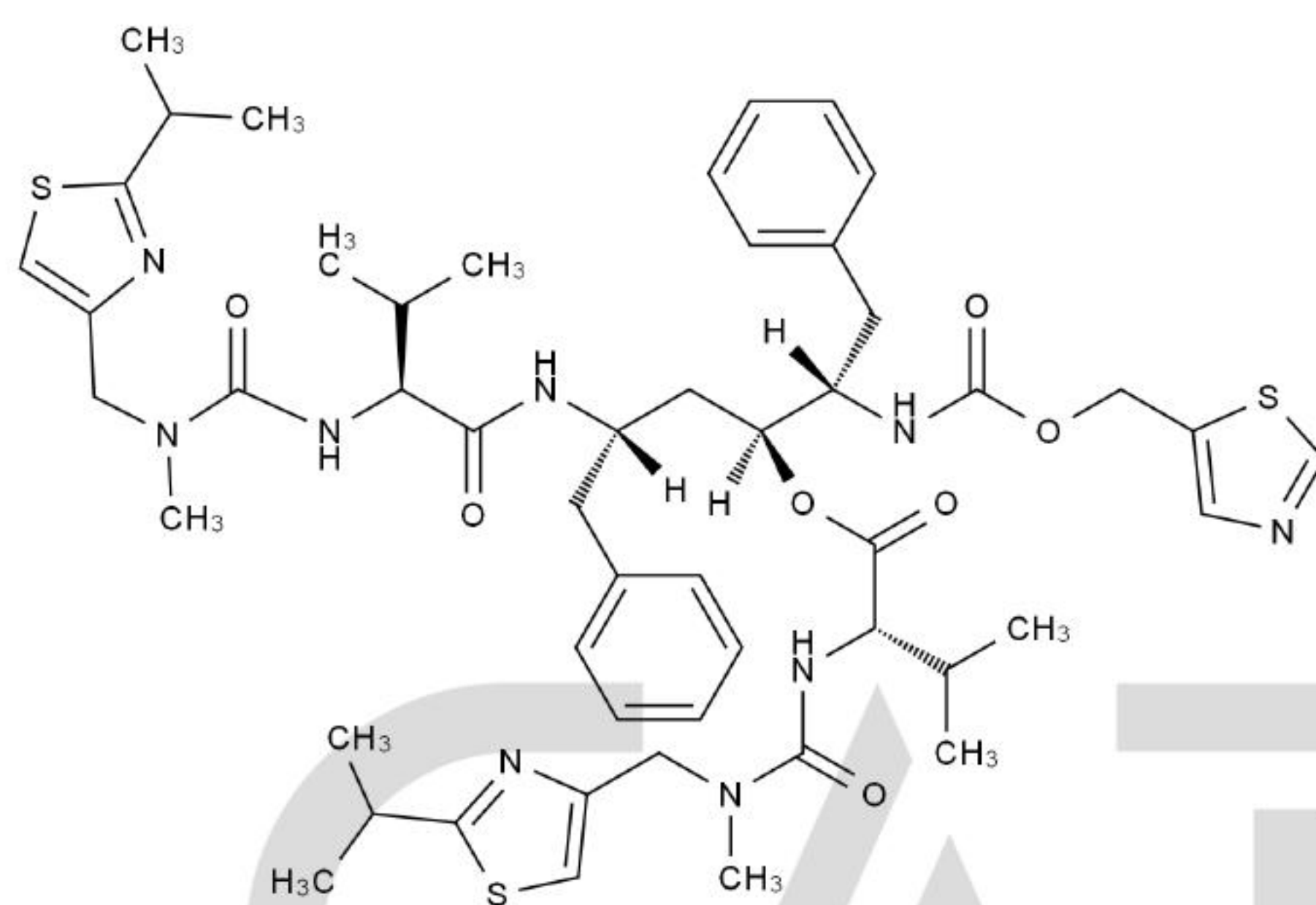


Certificate of Analysis

Reference Material

Product Name:	Ritonavir EP Impurity U	Catalogue Number:	C4X-175126
Chemical Name:	N/A	Lot Number:	0628-RD-0016
CAS Number:	N/A	Expiry Date:	Mar 13, 2026
Molecular Formula:	C ₅₁ H ₆₉ N ₉ O ₇ S ₃	Storage:	2°C ~ 8°C Protected from light and Sealed
Molecular Weight:	1016.34		

Chemical Structure:



Test Items	Method	Results
Appearance	Visual inspection	White Powder
Identification	LCMS&IR&CNMR&HNMR	Confirmed
Purity	HPLC	98.34%
Loss On Drying	TGA	0.1176%
Assay		98.2%

Comment:

The calculation of the 100% method follows the formula (calculated on the non-dried basis):

$\text{Assay (\%)} = (100\% - \text{Loss On Drying}) * \text{Purity HPLC (\%)} / 100\%$

Loss On Drying is considered as absolute effect, HPLC purity is considered as relative effect.

Signature:

Prepared by:

Hinlam

Reviewed by:

Xenia

Aporoved by General manager:

David

Date: Apr 21, 2022

Date: Mar 15, 2023

Date: Mar 15, 2023

Tel: +86-20-81960175

Fax: +86-20-81717260

Email: supports@cato-chem.com

Web: www.cato-chem.com

Add: Room 101, Building B, No.179, Guangpu East Road, Huangpu District, Guangzhou (Location: Room 301, Room 401, Room 501)

