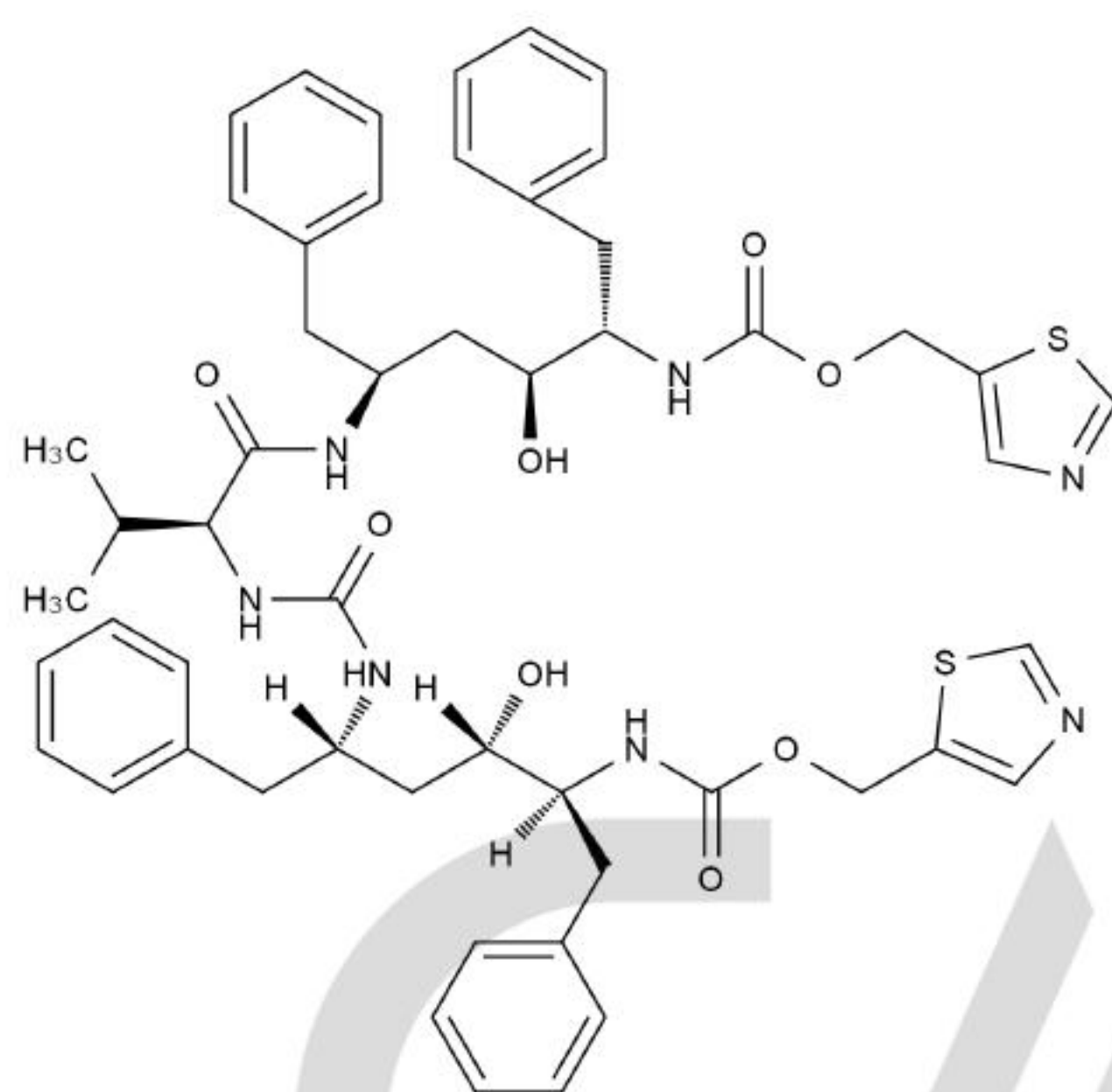


Certificate of Analysis

Reference Material

Product Name:	Ritonavir EP Impurity S	Catalogue Number:	C4X-175124
Chemical Name:	N/A	Lot Number:	0731-RE-0002
CAS Number:	2084828-53-3	Expiry Date:	Jul 26, 2026
Molecular Formula:	C52H61N7O8S2	Storage:	2°C ~ 8°C Protected from light and Sealed
Molecular Weight:	976.21		

Chemical Structure:



Test Items	Method	Results
Appearance	Visual inspection	Yellow Solid
Identification	LCMS&IR&UV&CNMR&HNMR	Confirmed
Purity	HPLC	95.041%
Loss On Drying	TGA	0.7933%
Assay		94.3%

Comment:

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

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

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

Signature:

Prepared by:

Lily

Reviewed by:

Hinlam

Aporoved by General manager:

David

Date: Jul 27, 2023

Date: Jul 31, 2023

Date: Jul 31, 2023

