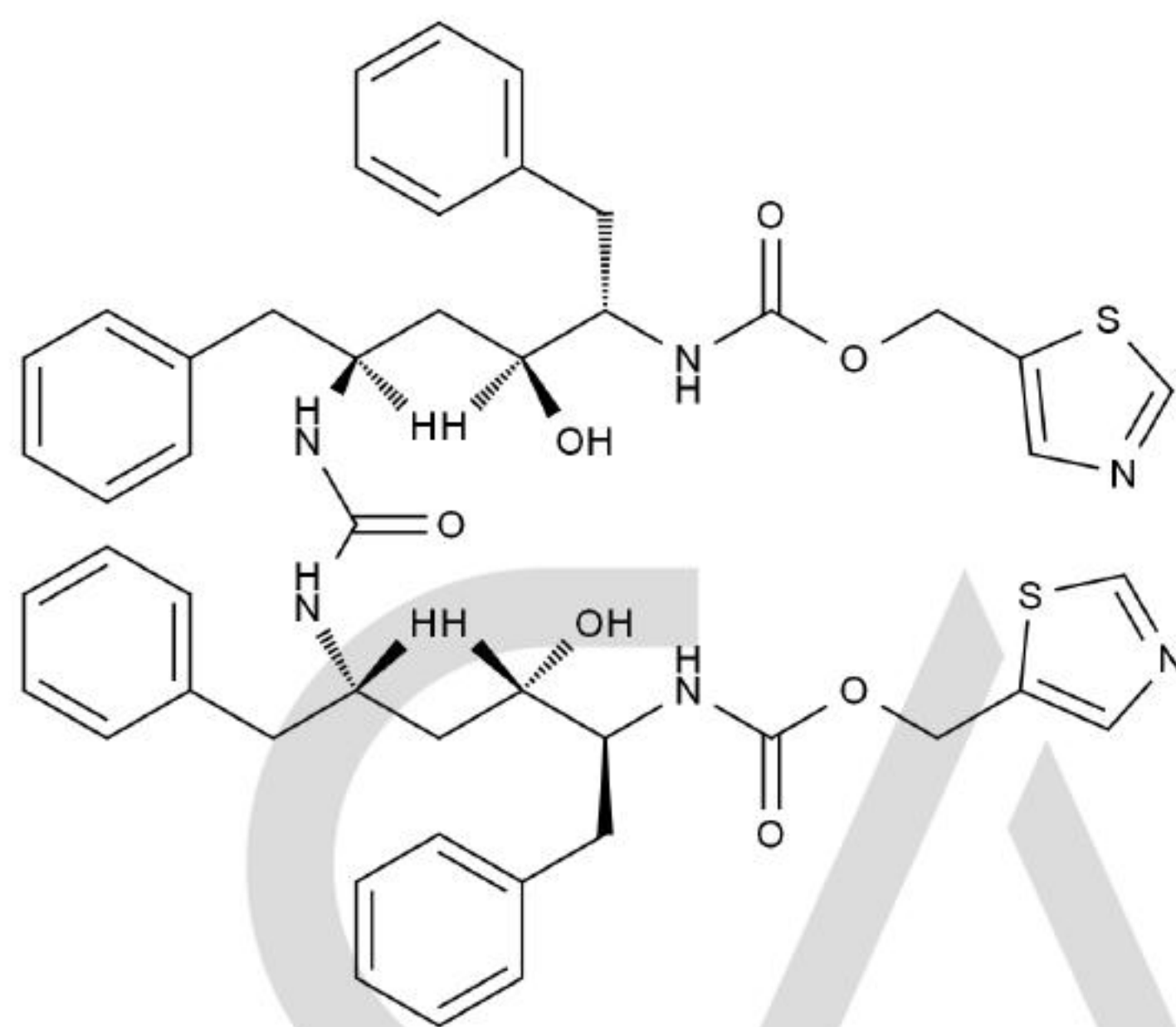


Certificate of Analysis

Reference Material & Standard

Product Name:	Ritonavir EP Impurity P	Catalogue Number:	C4X-175121
Synonyms:	N/A	Lot Number:	0630-RG-0038
CAS Number:	2804644-96-8	Expiry Date:	Jun 19, 2027
Molecular Formula:	C ₄₇ H ₅₂ N ₆ O ₇ S ₂	Storage:	2°C ~ 8°C Protected from light and Sealed
Molecular Weight:	877.08	Warning:	

Chemical Structure:



Test Items	Method	Results
Appearance	Visual inspection	White Solid
Identification	LCMS&IR&UV&HNMR	Confirmed
Purity	HPLC	98.55%
Residue on Ignition	TGA	0.94%
Loss On Drying	TGA	0.02%
Assay		97.6%

Comment:

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

Assay (%) = (100% - Residue on Ignition - Loss On Drying) * Purity HPLC (%) / 100%

Residue on Ignition and Loss On Drying are considered as absolute effect, HPLC purity is considered as relative effect.

Signature:

Prepared by:

Lily

Reviewed by:

Yuki

Approved by General Manager:

David

Date: Jun 30, 2025

Date: Jun 30, 2025

Date: Jun 30, 2025

