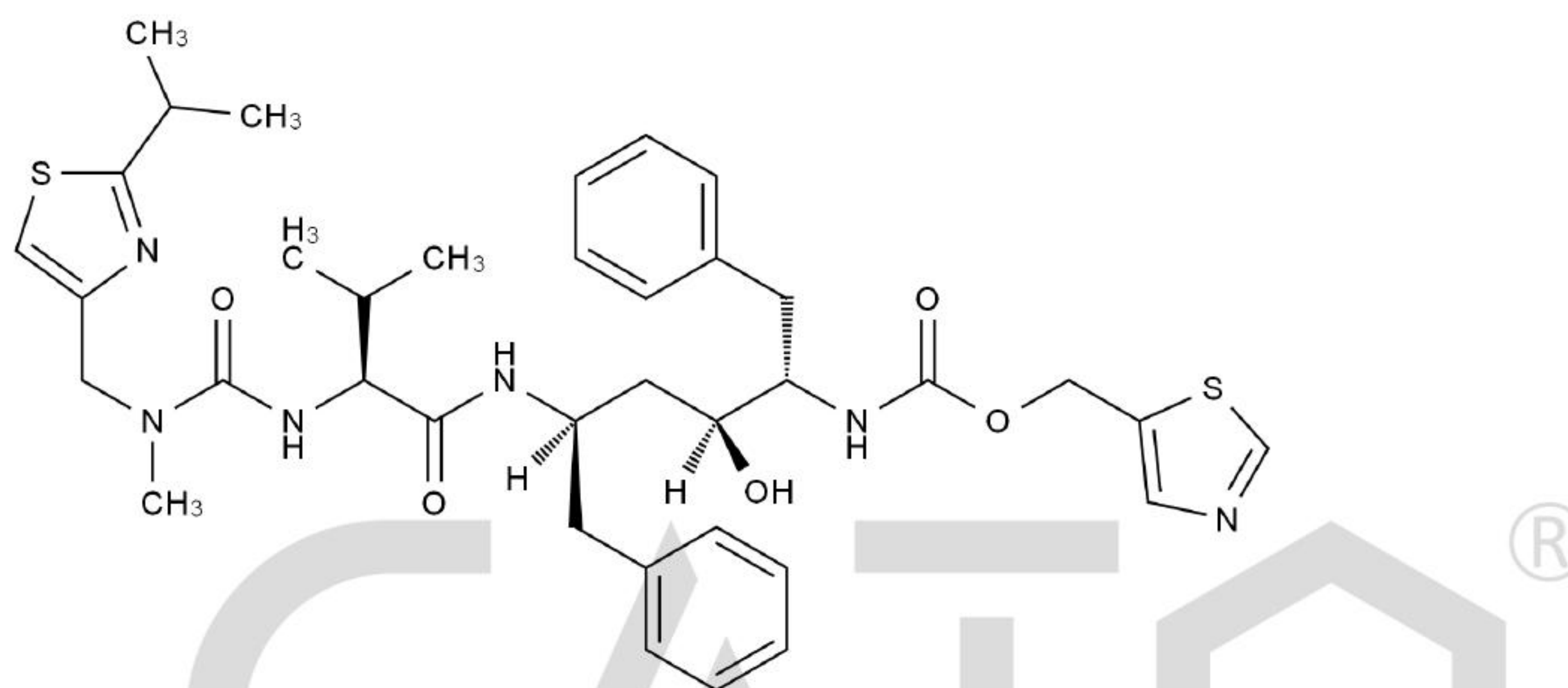


Certificate of Analysis

Reference Material

Product Name:	Ritonavir EP Impurity R	Catalogue Number:	C4X-175123
Chemical Name:	N/A	Lot Number:	0508-RE-0006
CAS Number:	1414933-80-4	Expiry Date:	Apr 24, 2025
Molecular Formula:	C37H48N6O5S2	Storage:	2°C ~ 8°C Protected from light and Sealed
Molecular Weight:	720.94		

Chemical Structure:



Test Items	Method	Results
Appearance	Visual inspection	White Solid
Identification	LCMS&IR&UV&CNMR&HNMR	Confirmed
Purity	UPLC	94.46%
Loss On Drying	TGA	0.51%
Assay		94.0%

Comment:

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

Assay (%) = (100% - Loss On Drying) * Purity UPLC (%) / 100%

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

Signature:

Prepared by:

Nice

Reviewed by:

Lisa

Aporoved by General manager:

David

Date: Jul 25, 2023

Date: Jul 25, 2023

Date: Jul 25, 2023

