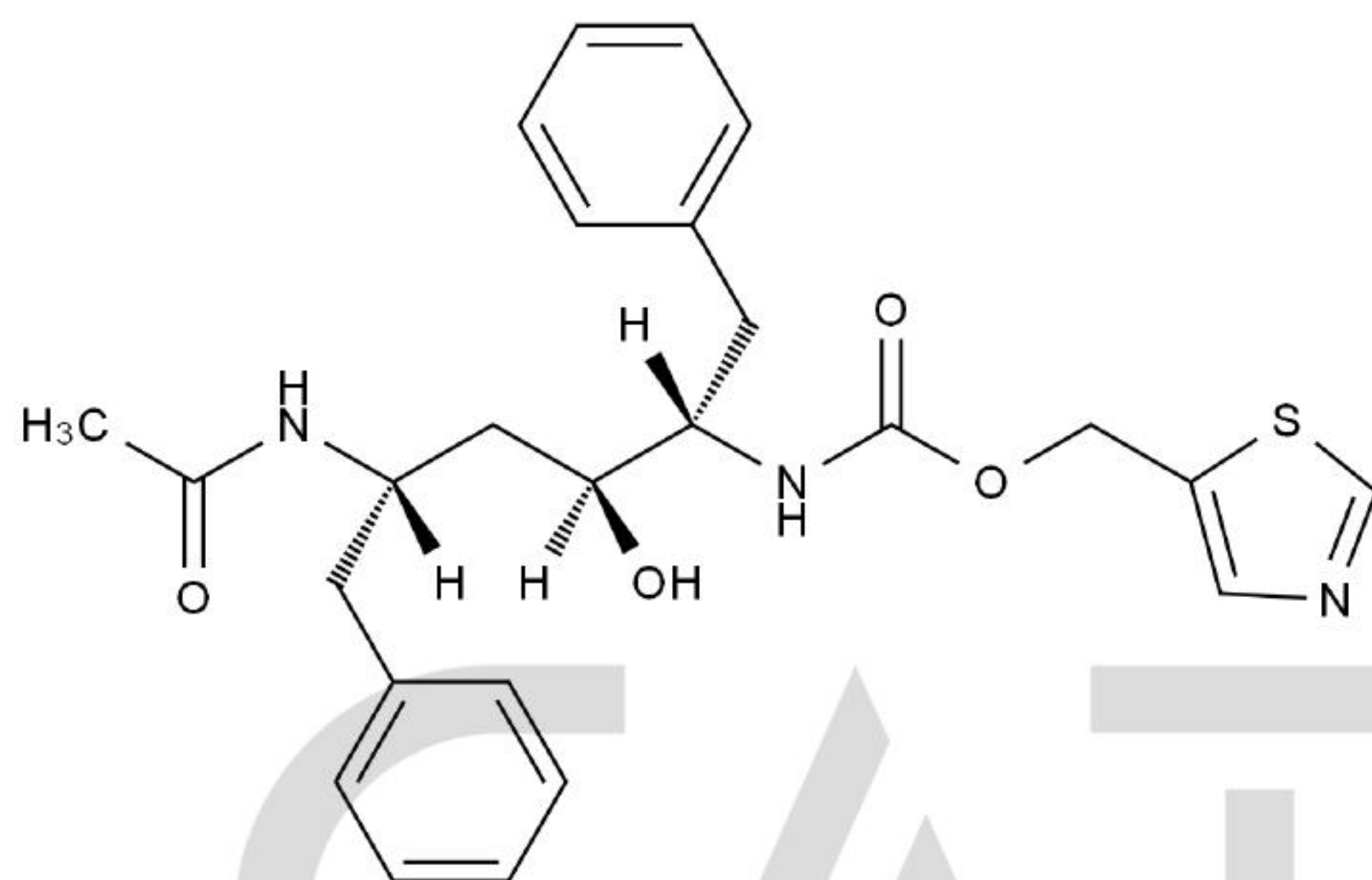


Certificate of Analysis

Reference Material

Product Name:	Ritonavir EP Impurity C	Catalogue Number:	C4X-17513
Chemical Name:	N/A	Lot Number:	0725-RD-0082
CAS Number:	1010808-43-1	Expiry Date:	Jul 26, 2025
Molecular Formula:	C ₂₅ H ₂₉ N ₃ O ₄ S	Storage:	2°C ~ 8°C Protected from light and Sealed
Molecular Weight:	467.58		

Chemical Structure:



Test Items	Method	Results
Appearance	Visual inspection	White Solid
Identification	LCMS&IR&UV&CNMR&HNMR	Confirmed
Purity	HPLC	99.487%
Loss On Drying	TGA	0.33%
Assay		99.2%

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:

Koi

Reviewed by:

Lisa

Aporoved by General manager:

David

Date: Jul 31, 2023

Date: Jul 31, 2023

Date: Jul 31, 2023

