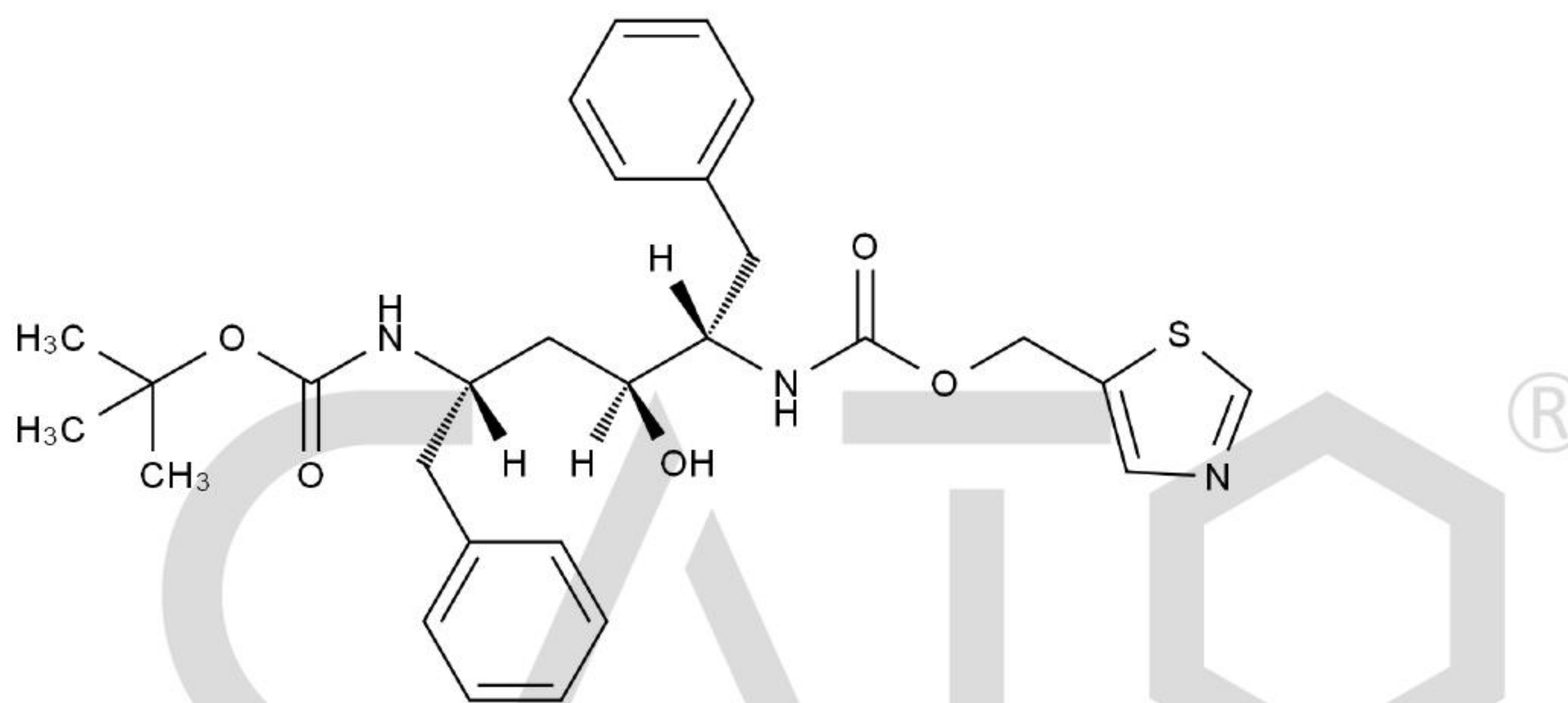


Certificate of Analysis

Reference Material & Standard

Product Name:	Ritonavir EP Impurity J	Catalogue Number:	C4X-175110
Synonyms:	N/A	Lot Number:	0415-RG-0015
CAS Number:	162849-95-8	Expiry Date:	Apr 15, 2028
Molecular Formula:	C ₂₈ H ₃₅ N ₃ O ₅ S	Storage:	2°C ~ 8°C Protected from light and Sealed
Molecular Weight:	525.66	Warning:	

Chemical Structure:



Test Items	Method	Results
Appearance	Visual inspection	White Solid
Identification	LCMS&HNMR	Confirmed
Purity	HPLC	99.519%
Loss On Drying	TGA	0.0230%
Assay		99.5%

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:

Nice

Reviewed by:

Koi

Approved by General Manager:

David

Date: Apr 16, 2025

Date: Apr 16, 2025

Date: Apr 16, 2025

