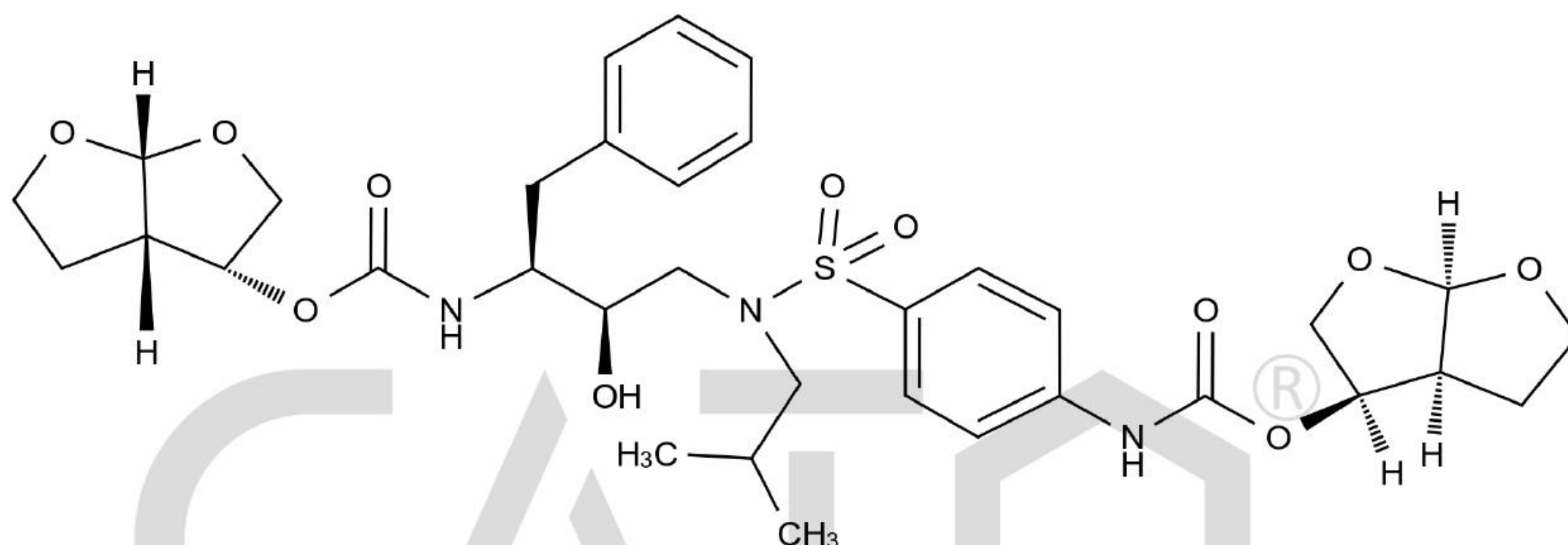


Certificate of Analysis

Reference Material & Standard

Product Name:	Darunavir Impurity 24	Catalogue Number:	C4X-160624
Synonyms:	N/A	Lot Number:	0805-RG-0017
CAS Number:	1971057-59-6	Expiry Date:	Aug 06, 2029
Molecular Formula:	C ₃₄ H ₄₅ N ₃ O ₁₁ S	Storage:	2°C ~ 8°C Protected from light and Sealed
Molecular Weight:	703.80		

Chemical Structure:



Test Items	Method	Results
Appearance	Visual inspection	White Solid
Identification	LCMS&HNMR	Confirmed
Purity	HPLC	99.889%
Loss On Drying	TGA	0.7090%
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:

Nice

Reviewed by:

Koi

Approved by General Manager:

David

Date: Aug 07, 2025

Date: Aug 07, 2025

Date: Aug 07, 2025

