

Certificate of Analysis

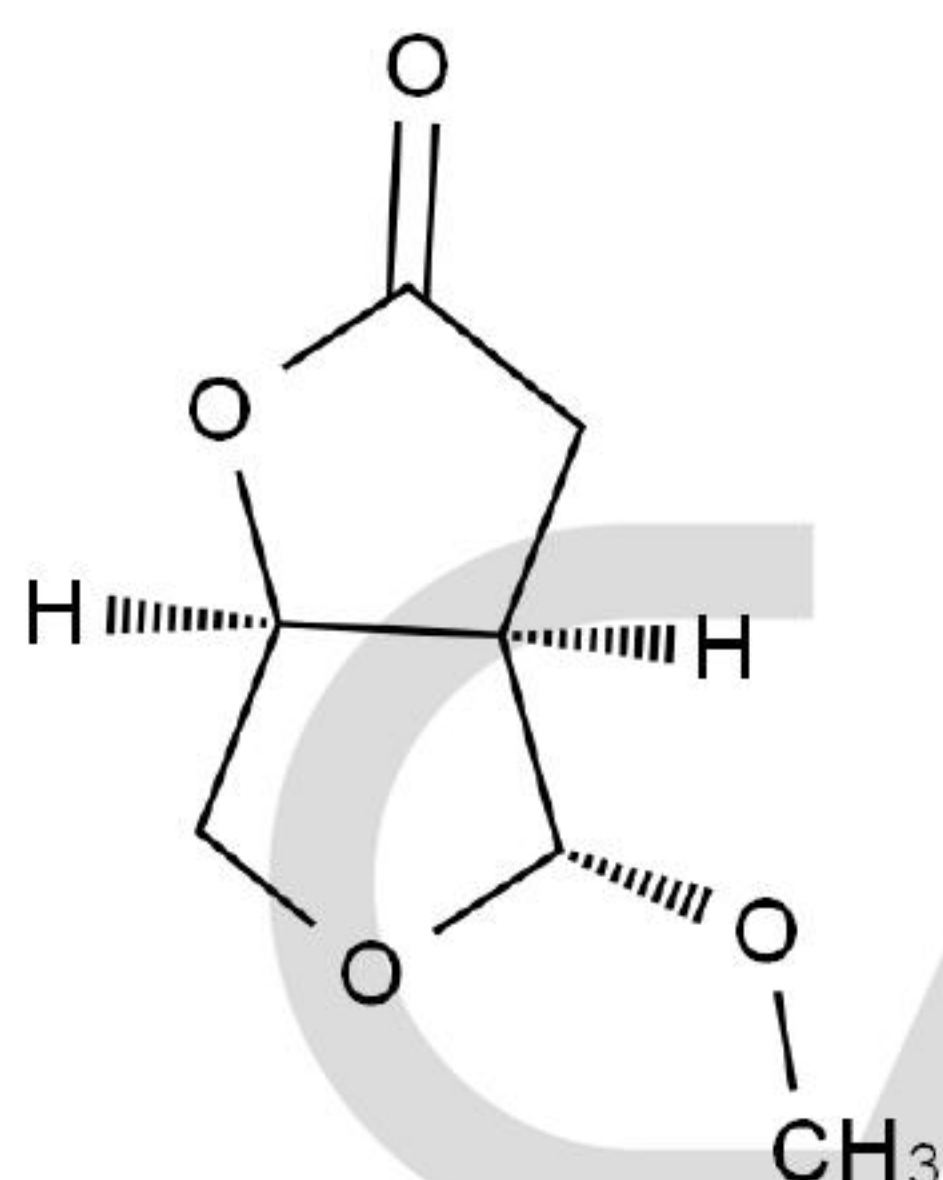
Reference Material & Standard

Product Name:	Darunavir Impurity 18	Catalogue Number:	C4X-160618
Synonyms:	N/A	Lot Number:	1011-RG-0081
CAS Number:	1932330-83-0	Expiry Date:	Sep 11, 2027
Molecular Formula:	C ₇ H ₁₀ O ₄	Storage:	2°C ~ 8°C Protected from light and Sealed
Molecular Weight:	158.15		

Warning:



Chemical Structure:



Test Items	Method	Results
Appearance	Visual inspection	Off-White Solid
Identification	HRMS&IR&CNMR&HNMR	Confirmed
Purity	GC	99.347%
Loss On Drying	TGA	1.090%
Assay		98.3%

Comment:

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

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

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

Signature:

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Date: Oct 13, 2025

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