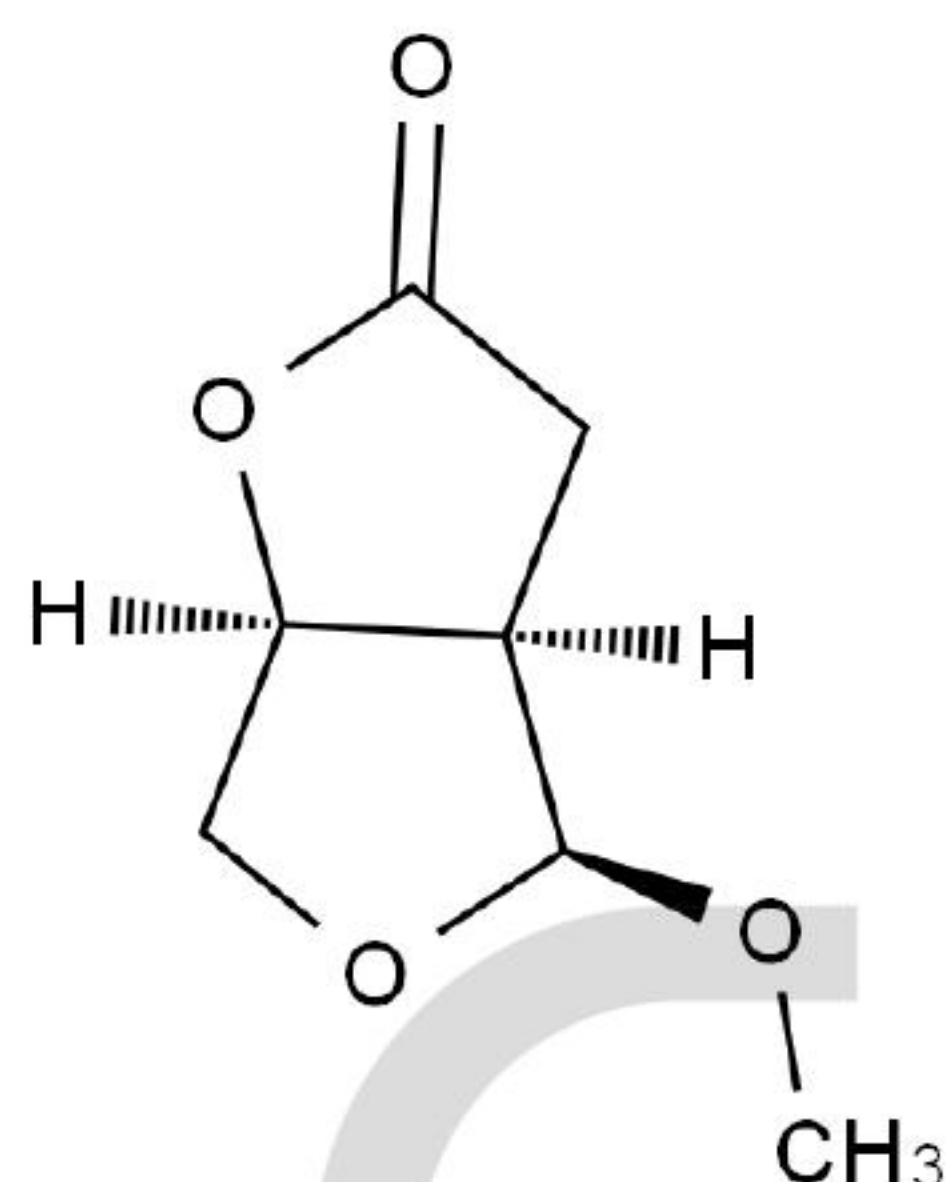


Certificate of Analysis

Reference Material

Product Name:	Darunavir Impurity 19	Catalogue Number:	C4X-160619
Chemical Name:	N/A	Lot Number:	0630-RE-0035
CAS Number:	1932353-11-1	Expiry Date:	Jun 18, 2025
Molecular Formula:	C ₇ H ₁₀ O ₄	Storage:	2°C ~ 8°C Protected from light and Sealed
Molecular Weight:	158.15		

Chemical Structure:



Test Items	Method	Results
Appearance	Visual inspection	Off-White Solid
Identification	LCMS&HNMR	Confirmed
Purity	GC	96.482%
Loss On Drying	TGA	1.356%
Assay		95.2%

Comment:

The calculation of the 100% 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:

Prepared by:

Lily

Reviewed by:

Hin Lam

Aproved by General manager:

David

Date: Jun 19, 2023

Date: Jun 30, 2023

Date: Jun 30, 2023

