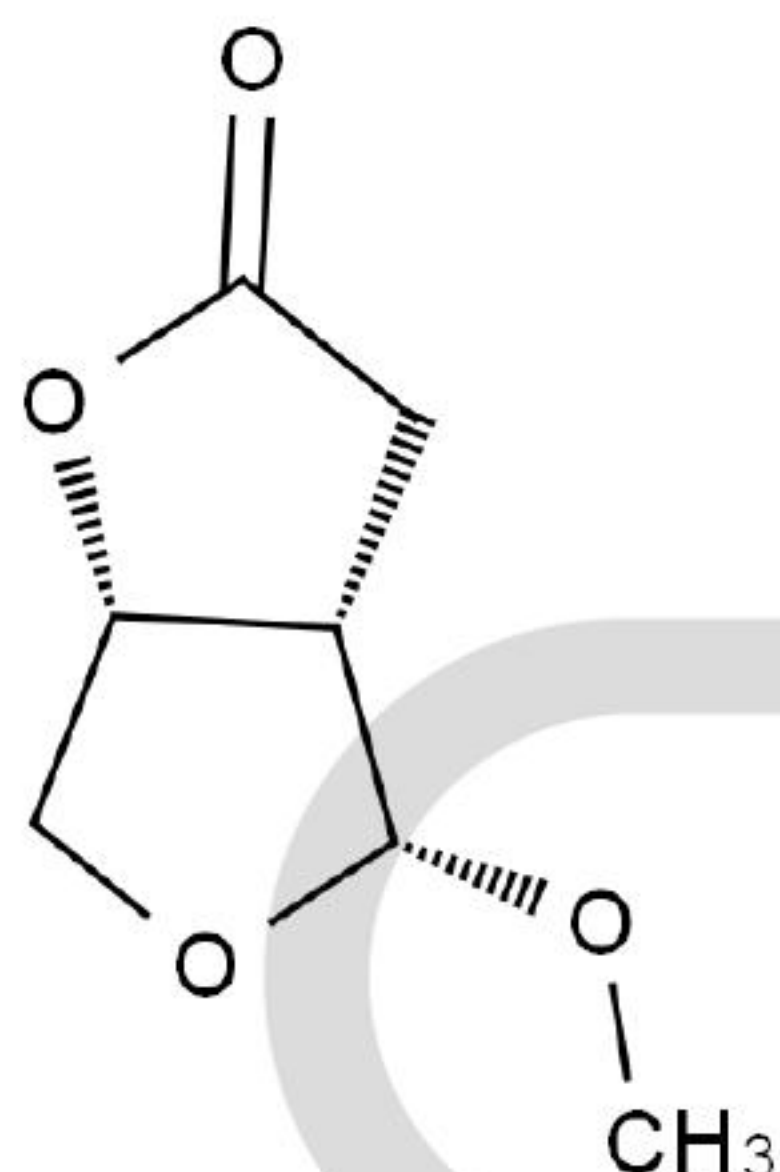


Certificate of Analysis

Reference Material & Standard

Product Name:	Darunavir Impurity 17	Catalogue Number:	C4X-160617
Synonyms:	N/A	Lot Number:	1011-RG-0080
CAS Number:	866594-61-8	Expiry Date:	Sep 15, 2027
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	HRMS&IR&CNMR&HNMR	Confirmed
Purity	GC	99.563%
Loss On Drying	TGA	0.1319%
Assay		99.4%

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:

Prepared by:

Lily

Reviewed by:

Hin Lam

Approved by General Manager:

David

Date: Oct 13, 2025

Date: Oct 13, 2025

Date: Oct 13, 2025



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