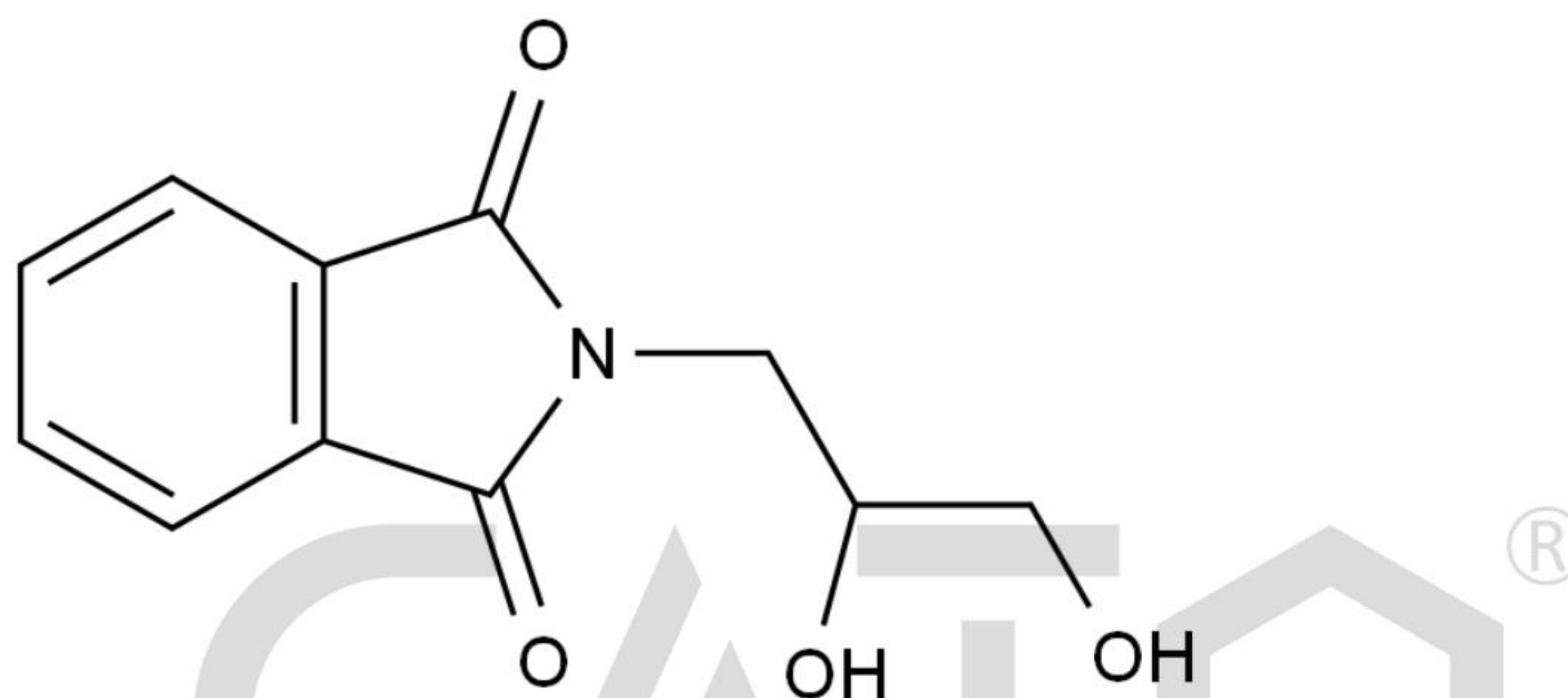


Certificate of Analysis

Reference Material

Product Name:	Rivaroxaban Impurity 48	Catalogue Number:	C4X-109048
Chemical Name:	N/A	Lot Number:	0921-RE-0066
CAS Number:	62457-35-6	Expiry Date:	Sep 20, 2026
Molecular Formula:	C ₁₁ H ₁₁ NO ₄	Storage:	2°C ~ 8°C Protected from light and Sealed
Molecular Weight:	221.21		

Chemical Structure:



Test Items	Method	Results
Appearance	Visual inspection	White Solid
Identification	LCMS&HNMR	Confirmed
Purity	HPLC	100.000%
Loss On Drying	TGA	0.3322%
Assay		99.7%

Comment:

The calculation of the 100% method follows the formula (calculated on the non-dried basis):

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

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

Signature:

Prepared by:

Koi

Reviewed by:

Lisa

Aporoved by General manager:

David

Date: Sep 21, 2023

Date: Sep 21, 2023

Date: Sep 21, 2023

