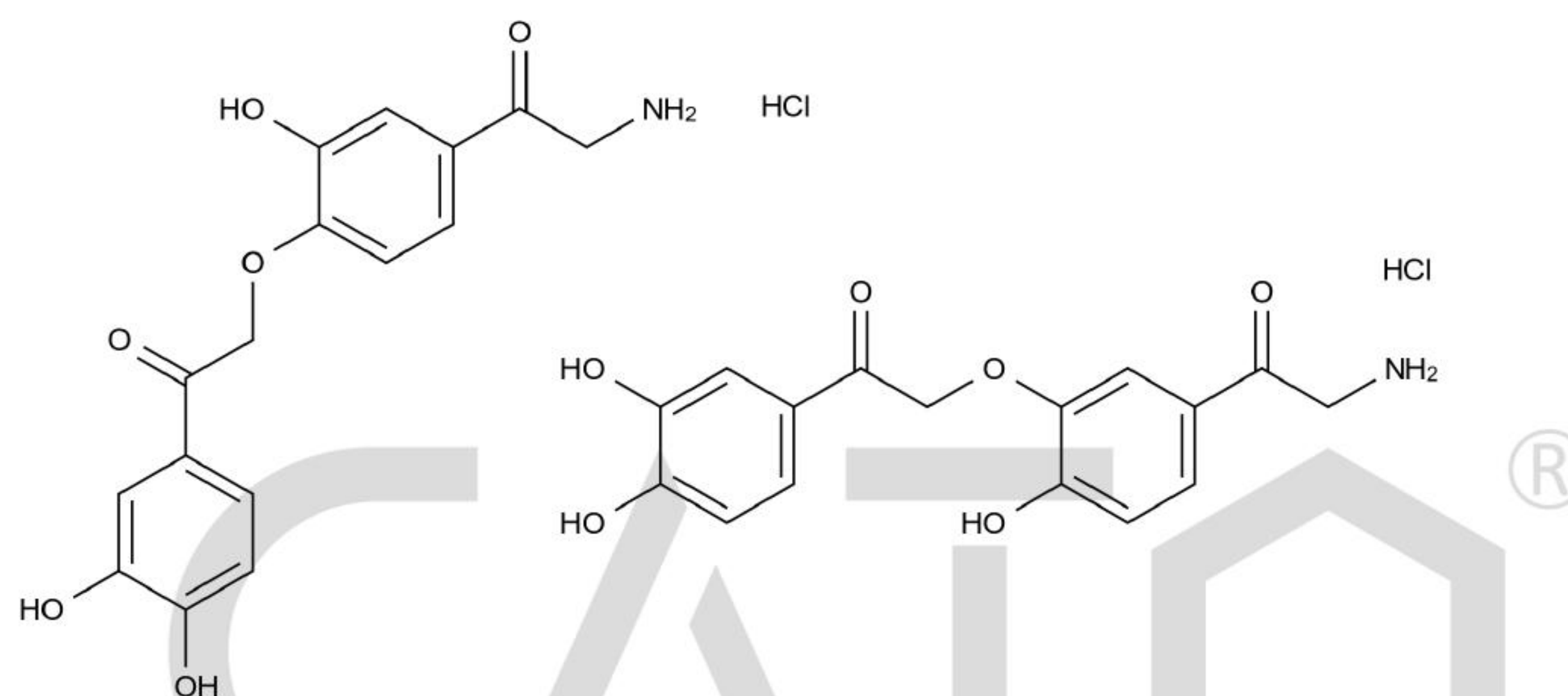


Certificate of Analysis

Reference Material & Standard

Product Name:	Norepinephrine Impurity 85 HCl	Catalogue Number:	C4X-151485
Synonyms:	N/A	Lot Number:	0421-RG-0011
CAS Number:	N/A	Expiry Date:	Apr 25, 2028
Molecular Formula:	2*C16H15NO6 2*HCl	Storage:	2°C ~ 8°C Protected from light and Sealed
Molecular Weight:	2*317.29 2*36.46		

Chemical Structure:



Test Items	Method	Results
Appearance	Visual inspection	White Solid
Identification	LCMS&HNMR	Confirmed
Purity	HPLC	98.7455%
Loss On Drying	TGA	4.3434%
Assay		94.5%

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:

Lily

Reviewed by:

Hinlam

Approved by General Manager:

David

Date: Apr 27, 2025

Date: Apr 27, 2025

Date: Apr 27, 2025

