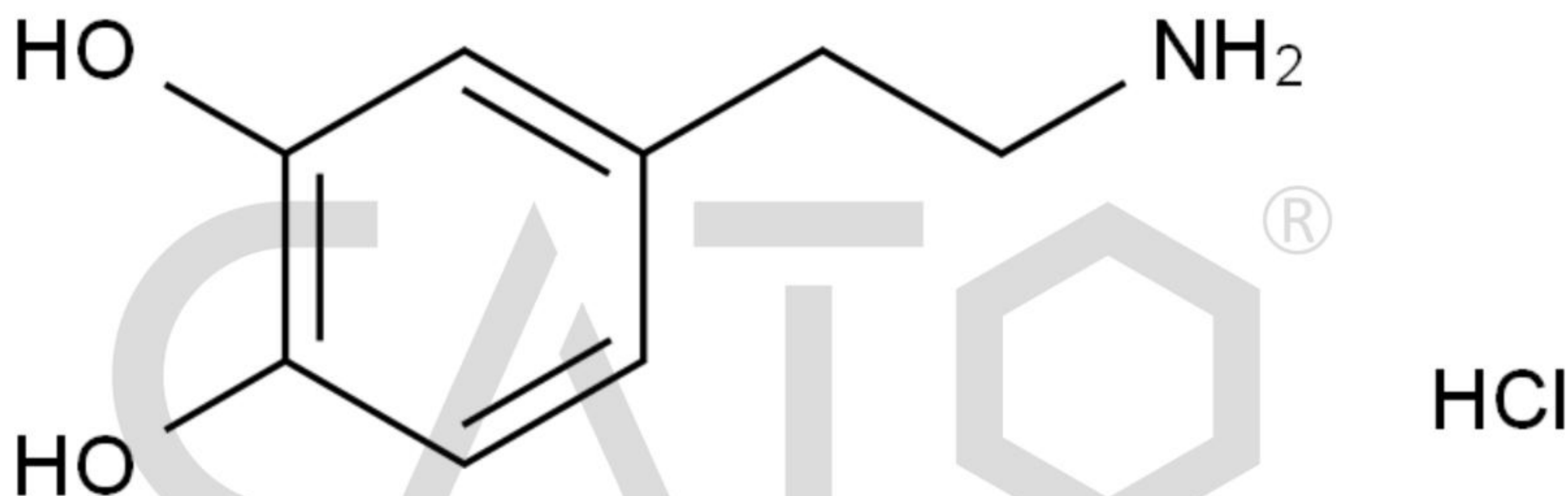


Certificate of Analysis

Reference Material & Standard

Product Name:	Norepinephrine EP Impurity C HCl(Dobutamine EP Impurity A HCl)	Catalogue Number:	C4X-15144
Synonyms:	N/A	Lot Number:	1211-RG-0058
CAS Number:	62-31-7;51-61-6(Free Base)	Expiry Date:	Dec 16, 2029
Molecular Formula:	C ₈ H ₁₁ NO ₂ HCl	Storage:	2°C ~ 8°C Protected from light and Sealed
Molecular Weight:	153.18 36.46	Shipping Condition:	Shipping at Room Temperature
Solubility:	Water	Warning:	

Chemical Structure:



Test Items	Method	Results
Appearance	Visual inspection	Off-White Solid
Identification	LCMS&HNMR	Confirmed
Purity	HPLC	98.9%
Assay	qNMR	98.6%

Signature:

Prepared by:

Nice

Reviewed by:

Koi

Approved by General Manager:

David

Date: Dec 17, 2025

Date: Dec 17, 2025

Date: Dec 17, 2025



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