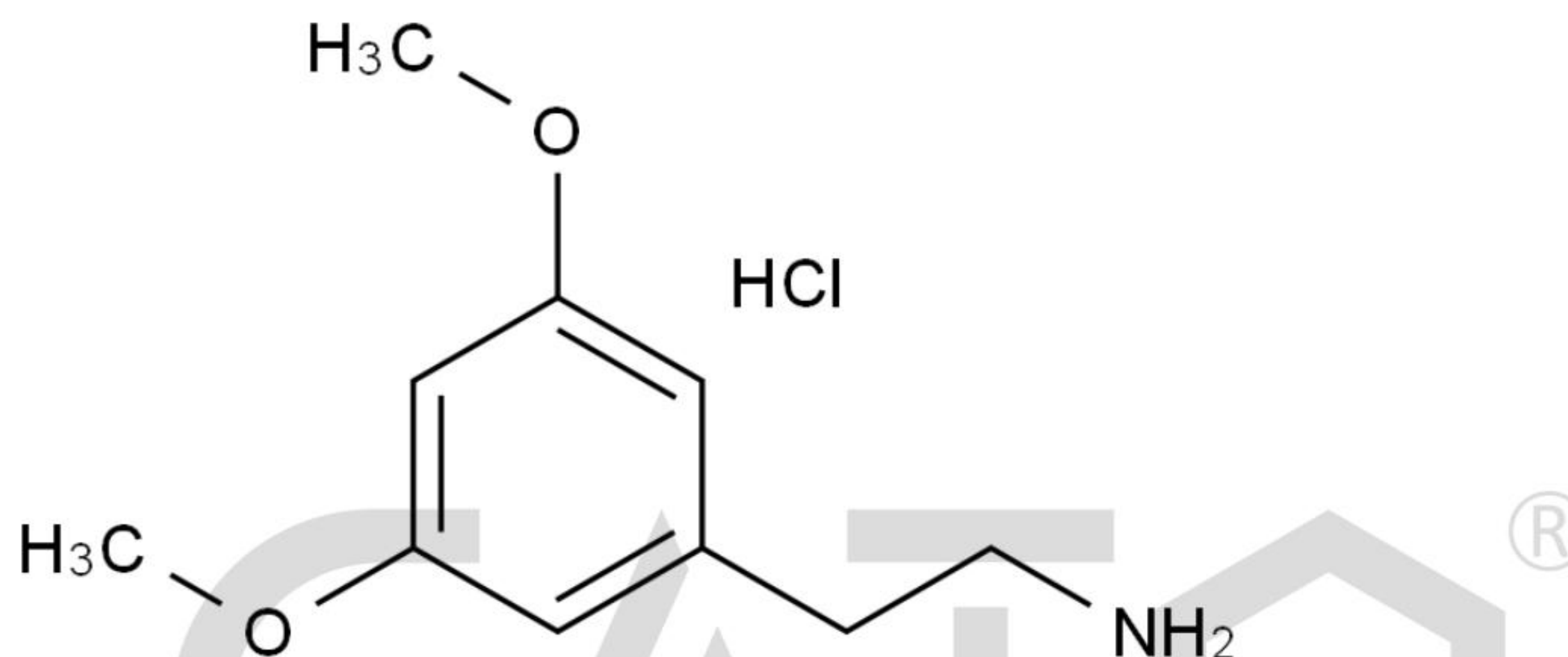


Certificate of Analysis

Reference Material

Product Name:	Dopamine Impurity 45	Catalogue Number:	C4X-190845
Chemical Name:	N/A	Lot Number:	1111-RD-0023
CAS Number:	637-26-3	Expiry Date:	Nov 24, 2025
Molecular Formula:	C ₁₀ H ₁₅ NO ₂ HCl	Storage:	2°C ~ 8°C Protected from light and Sealed
Molecular Weight:	181.23 36.46		

Chemical Structure:



Test Items	Method	Results
Appearance	Visual inspection	White to Off-White Powder
Identification	LCMS&HNMR	Confirmed
Purity	HPLC	99.116%
Loss On Drying	TGA	0.0222%
Assay		99.1%

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:

Debia

Reviewed by:

Hinlam

Aporoved by General manager:

David

Date: Nov 25, 2022

Date: Nov 28, 2022

Date: Nov 28, 2022

