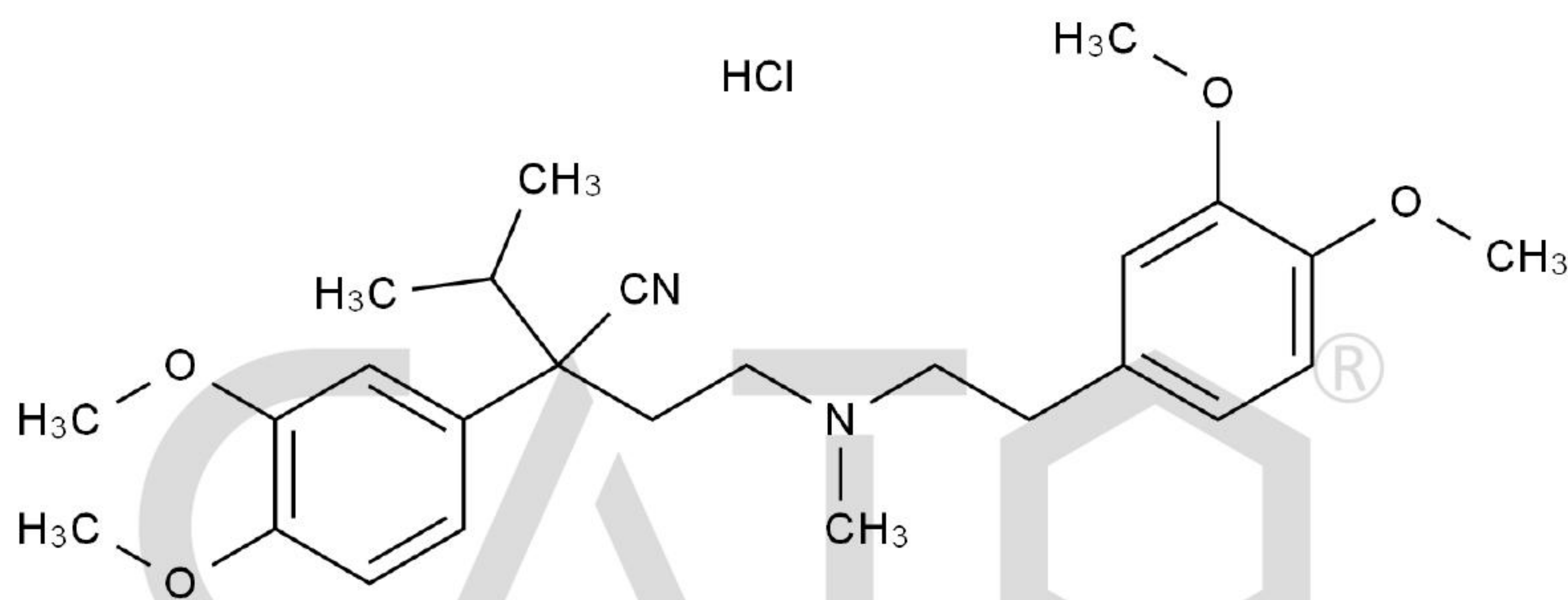


Certificate of Analysis

Reference Material & Standard

Product Name:	Verapamil EP Impurity I(HCl)	Catalogue Number:	C4X-17789
Synonyms:	N/A	Lot Number:	0806-RF-0058
CAS Number:	1794-55-4	Expiry Date:	Aug 11, 2027
Molecular Formula:	C ₂₆ H ₃₆ N ₂ O ₄ HCl	Storage:	-20°C±5°C Protected from light and Sealed
Molecular Weight:	440.58 36.46		

Chemical Structure:



Test Items	Method	Results
Appearance	Visual inspection	Off-White Solid
Identification	LCMS&HNMR	Confirmed
Purity	HPLC	99.289%
Loss On Drying	TGA	1.3839%
Assay		97.9%

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:

Nice

Reviewed by:

Koi

Approved by General Manager:

David

Date: Aug 12, 2024

Date: Aug 12, 2024

Date: Aug 12, 2024

