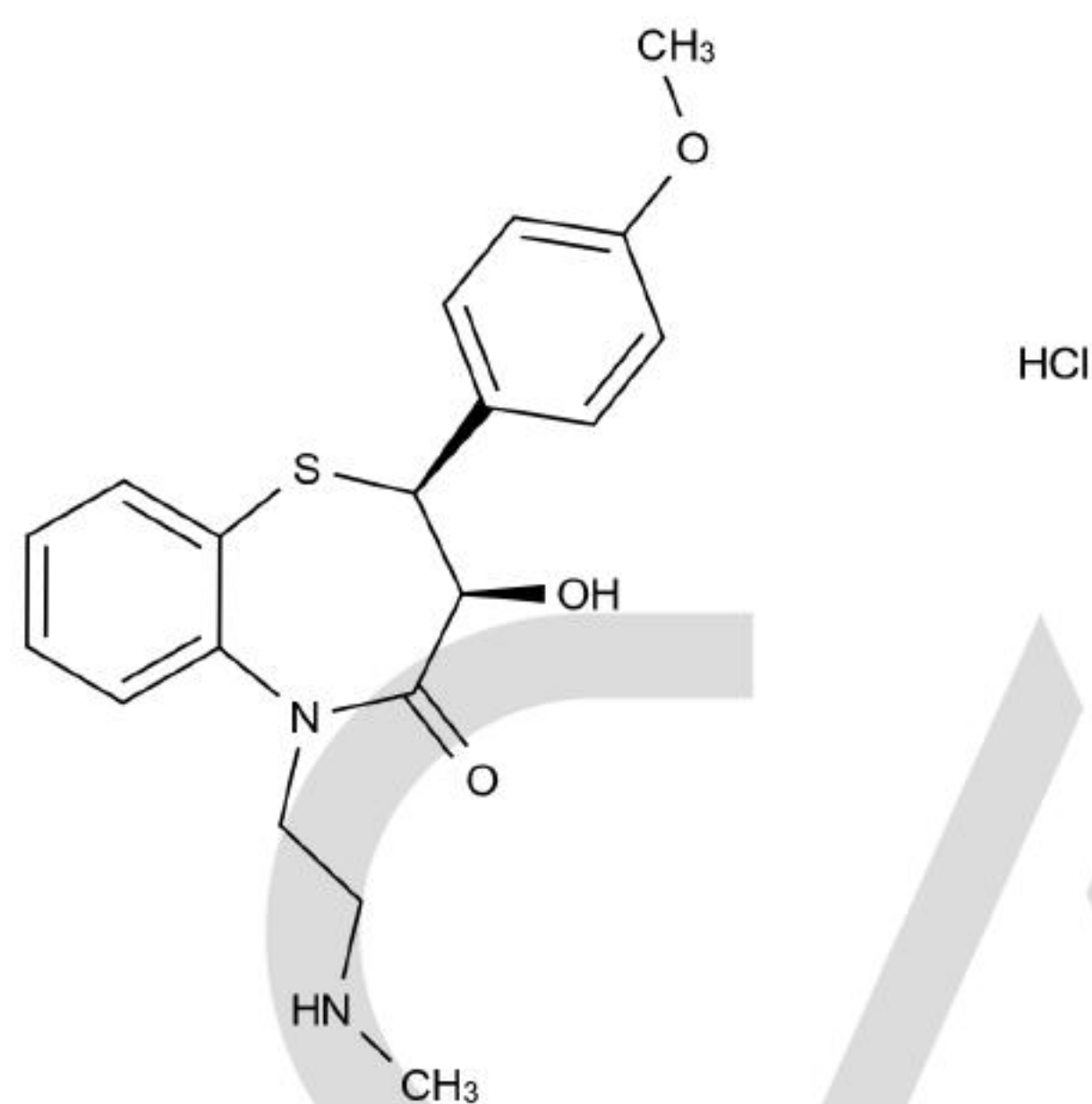


Certificate of Analysis

Reference Material & Standard

Product Name:	Diltiazem Impurity N3 HCl	Catalogue Number:	C1296438
Synonyms:	N/A	Lot Number:	0108-RG-0008
CAS Number:	142926-11-2	Expiry Date:	Jan 14, 2028
Molecular Formula:	C ₁₉ H ₂₂ N ₂ O ₃ HCl	Storage:	2°C ~ 8°C Protected from light and Sealed
Molecular Weight:	358.45 36.46	Warning:	

Chemical Structure:



Test Items	Method	Results
Appearance	Visual inspection	Pale Yellow Solid
Identification	LCMS&HNMR	Confirmed
Purity	HPLC	96.7%
Assay	qNMR	88.7%

Comment:

Assay was determined by quantitative ¹H-NMR.

Signature:

Prepared by:

Nice

Reviewed by:

Koi

Approved by General Manager:

David

Date: Jan 15, 2025

Date: Jan 15, 2025

Date: Jan 15, 2025

