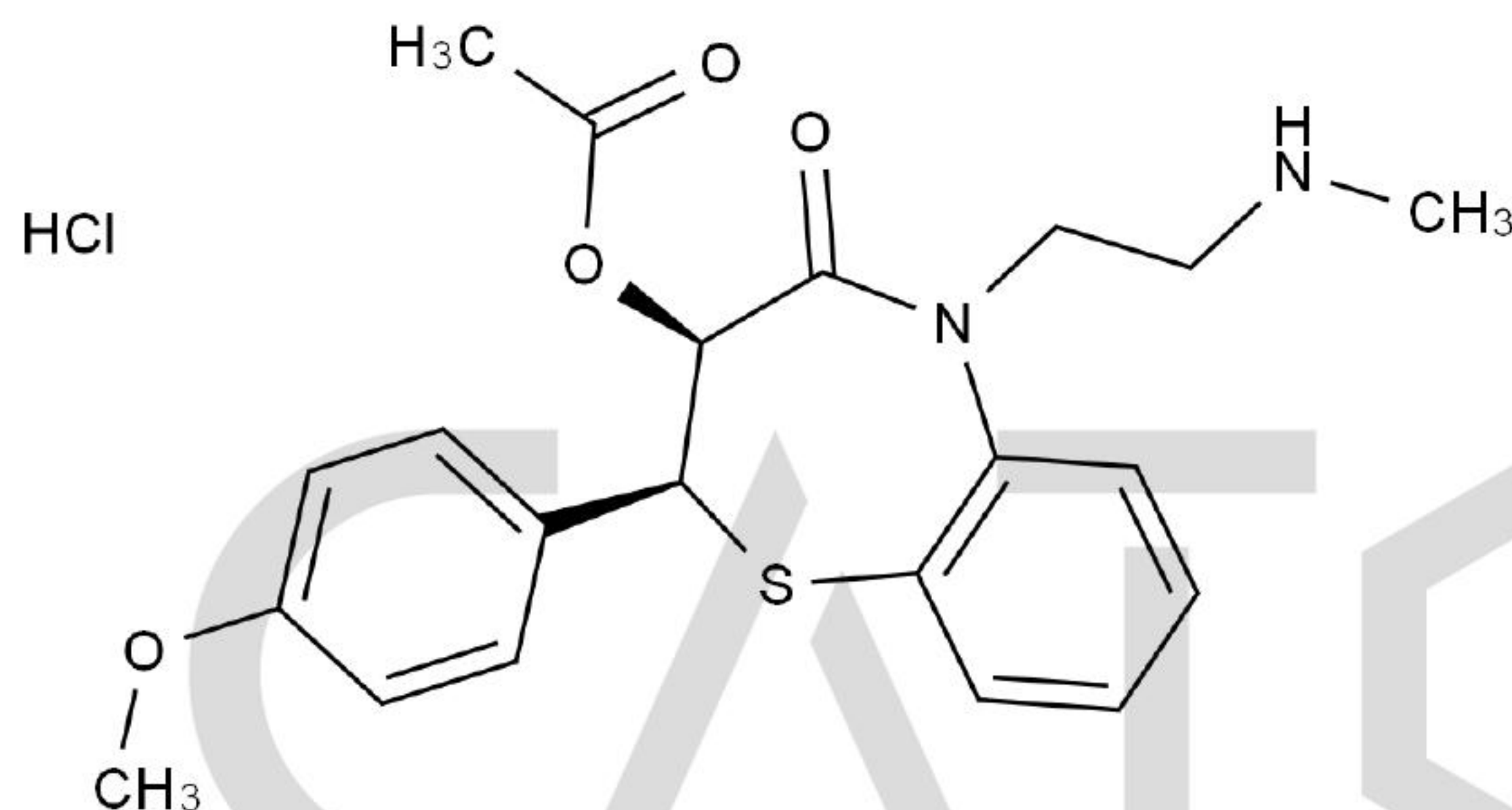


Certificate of Analysis

Reference Material & Standard

Product Name:	Diltiazem EP Impurity D HCl	Catalogue Number:	C4X-136810
Synonyms:	N/A	Lot Number:	0603-RF-0086
CAS Number:	130606-60-9	Expiry Date:	Jun 11, 2027
Molecular Formula:	C ₂₁ H ₂₄ N ₂ O ₄ S HCl	Storage:	2°C ~ 8°C Protected from light and Sealed
Molecular Weight:	400.49 36.46	Shipping Condition:	Shipping at Room Temperature

Chemical Structure:



Test Items	Method	Results
Appearance	Visual inspection	White Solid
Identification	LCMS&HNMR	Confirmed
Purity	HPLC	99.8%
Assay	qNMR	90.1%

Comment:

Assay was determined by quantitative ¹H-NMR.

Signature:

Prepared by:

Koi

Reviewed by:

Lisa

Approved by General Manager:

David

Date: Jul 26, 2024

Date: Jul 26, 2024

Date: Jul 26, 2024



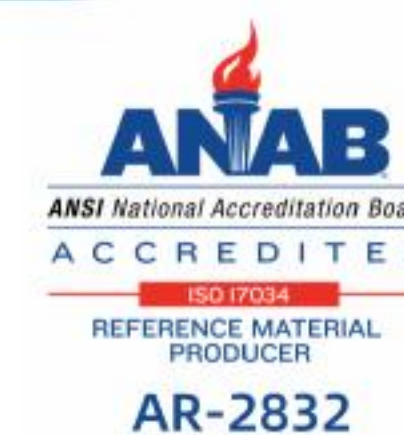
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