

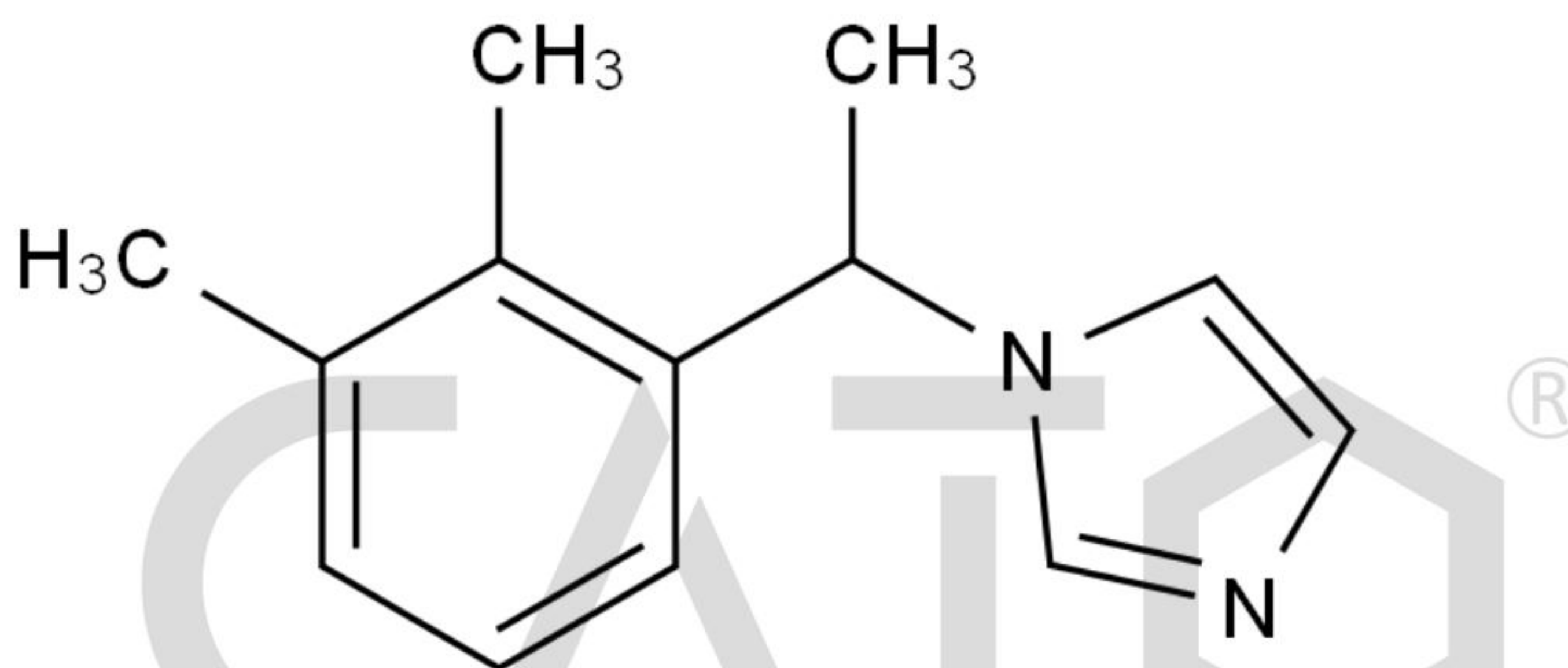
Certificate of Analysis

Reference Material & Standard

Product Name:	Dexmedetomidine Impurity 9	Catalogue Number:	C4X-12309
Synonyms:	N/A	Lot Number:	0414-RG-0043
CAS Number:	2240179-63-7	Expiry Date:	Apr 16, 2028
Molecular Formula:	C ₁₃ H ₁₆ N ₂	Storage:	2°C ~ 8°C Protected from light and Sealed
Molecular Weight:	200.28	Warning:	



Chemical Structure:



Test Items	Method	Results
Appearance	Visual inspection	Colourless Liquid
Identification	LCMS&IR&UV&HNMR	Confirmed
Purity	HPLC	98.4%
Assay	qNMR	92.4%

Comment:

Assay was determined by quantitative ¹H-NMR.

Signature:

Prepared by:

Nice

Reviewed by:

Koi

Approved by General Manager:

David

Date: Apr 17, 2025

Date: Apr 17, 2025

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