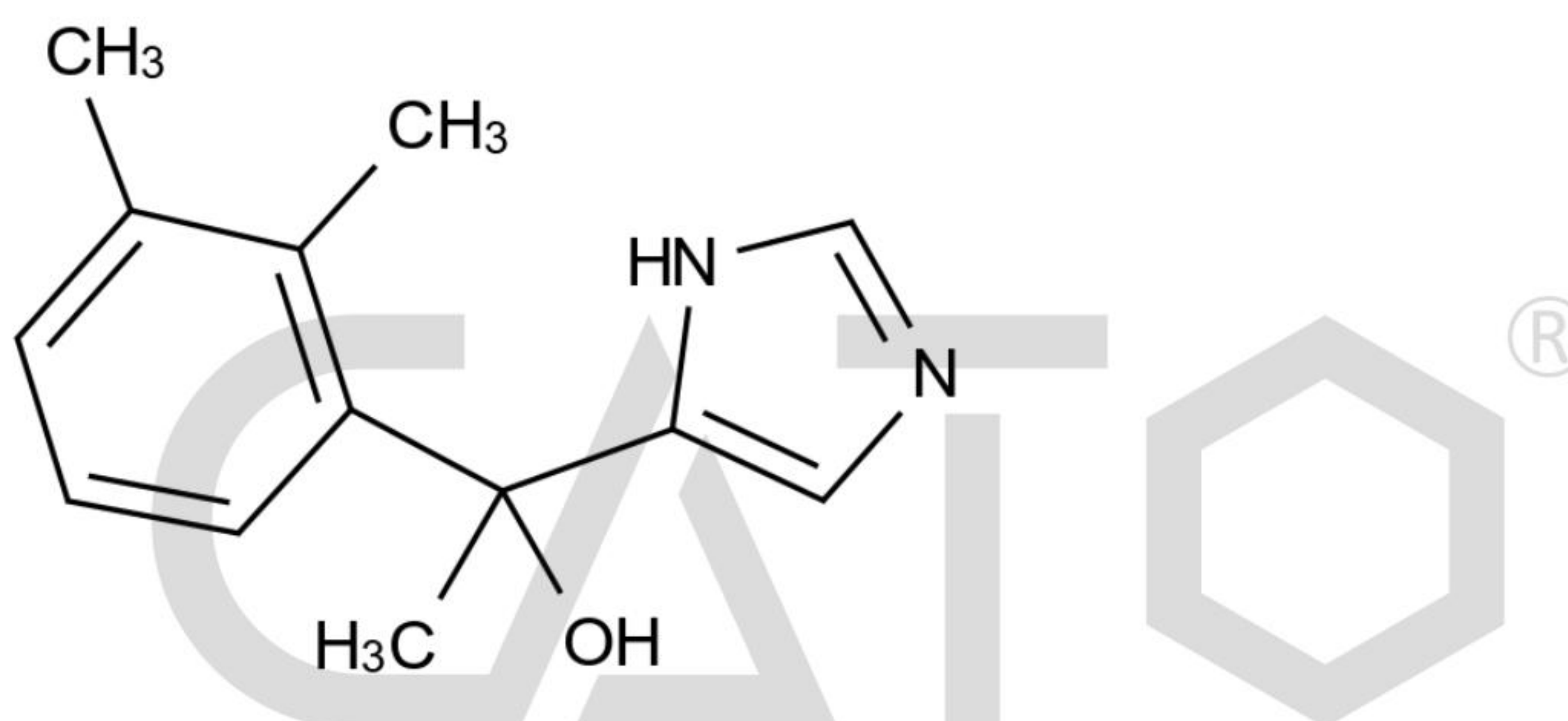


Certificate of Analysis

Reference Material & Standard

Product Name:	Dexmedetomidine Impurity 88	Catalogue Number:	C4X-123088
Synonyms:	N/A	Lot Number:	0918-RH-0059
CAS Number:	86347-12-8	Expiry Date:	Jun 22, 2028
Molecular Formula:	C ₁₃ H ₁₆ N ₂ O	Storage:	-20°C±5°C Protected from light and Sealed
Molecular Weight:	216.28	Shipping Condition:	Shipping with Ice Packs

Chemical Structure:



Test Items	Method	Results
Appearance	Visual inspection	White Solid
Identification	LCMS&HNMR	Confirmed
Purity	HPLC	99.3485%
Loss on Drying	TGA	0.000%
Assay		99.3%

Comment:

The calculation of the mass balance 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:

Reviewed by:

Approved by General Manager:

Date: Sep 20, 2026

Date: Sep 20, 2026

Date: Sep 20, 2026



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