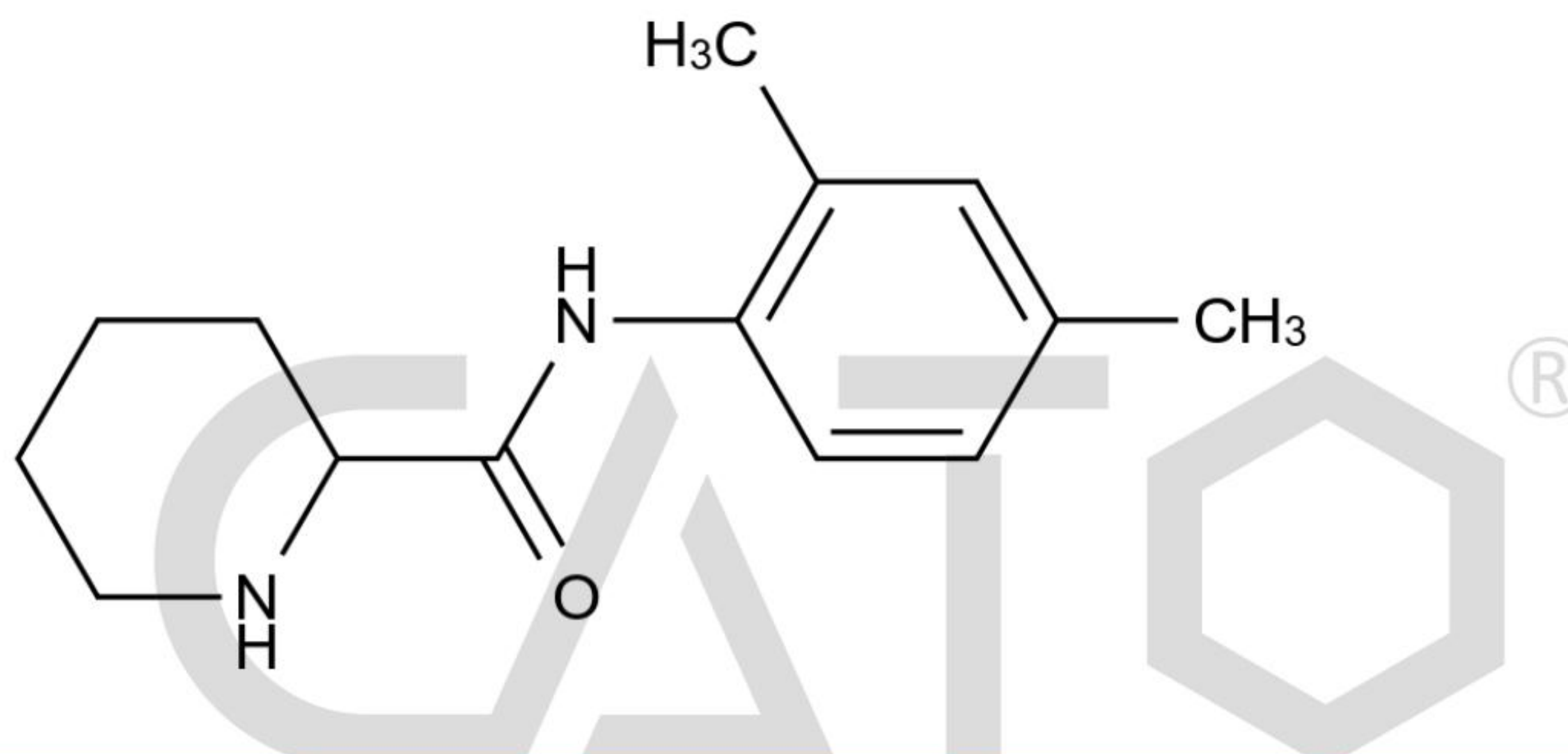


Certificate of Analysis

Reference Material & Standard

Product Name:	Ropivacaine Impurity 32	Catalogue Number:	C4X-175332
Synonyms:	N/A	Lot Number:	1105-RG-0091
CAS Number:	99552-32-6	Expiry Date:	Nov 09, 2029
Molecular Formula:	C ₁₄ H ₂₀ N ₂ O	Storage:	2°C ~ 8°C Protected from light and Sealed
Molecular Weight:	232.32	Shipping Condition:	Shipping at Room Temperature
Solubility:	Acetonitrile		

Chemical Structure:



Test Items	Method	Results
Appearance	Visual inspection	Pale Yellow Solid
Identification	LCMS&IR&HNMR	Confirmed
Purity	HPLC	98.045%
Loss On Drying	TGA	0.3013%
Assay		97.7%

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:

Nice

Reviewed by:

Koi

Approved by General Manager:

David

Date: Nov 10, 2025

Date: Nov 10, 2025

Date: Nov 10, 2025



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