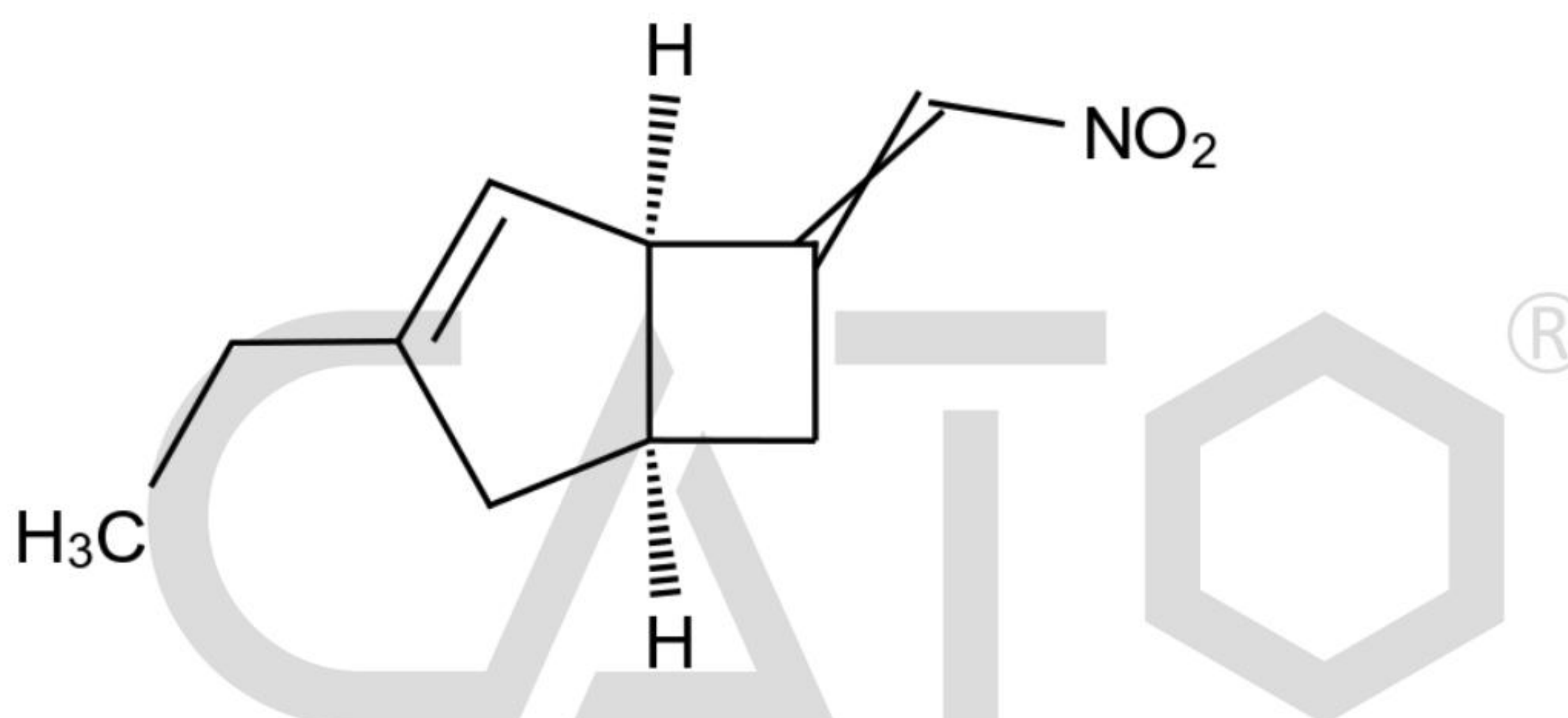


Certificate of Analysis

Reference Material & Standard

Product Name:	Mirogabalin Impurity 148	Catalogue Number:	C4X-2924148
Synonyms:	N/A	Lot Number:	1127-RG-0027
CAS Number:	N/A	Expiry Date:	Nov 23, 2029
Molecular Formula:	C ₁₀ H ₁₃ NO ₂	Storage:	-20°C±5°C Protected from light and Sealed
Molecular Weight:	179.22	Shipping Condition:	Shipping with Ice Packs

Chemical Structure:



Test Items	Method	Results
Appearance	Visual inspection	Yellow Liquid
Identification	LCMS&HNMR	Confirmed
Purity	HPLC	99.3981%
Water Content	Karl Fischer	0.231%
Residual Solvents	NMR	Not detected in NMR
Assay		99.2%

Comment:

The calculation of the mass balance method follows the formula (calculated on the non-dried basis):

Assay (%) = (100% - Water Content - Residual Solvents) * Purity HPLC (%) / 100%

Water Content and Residual Solvents are considered as absolute effect, HPLC purity is considered as relative effect.

Signature:

Prepared by:

Reviewed by:

Approved by General Manager:

Date: Dec 05, 2025

Date: Dec 08, 2025

Date: Dec 08, 2025



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