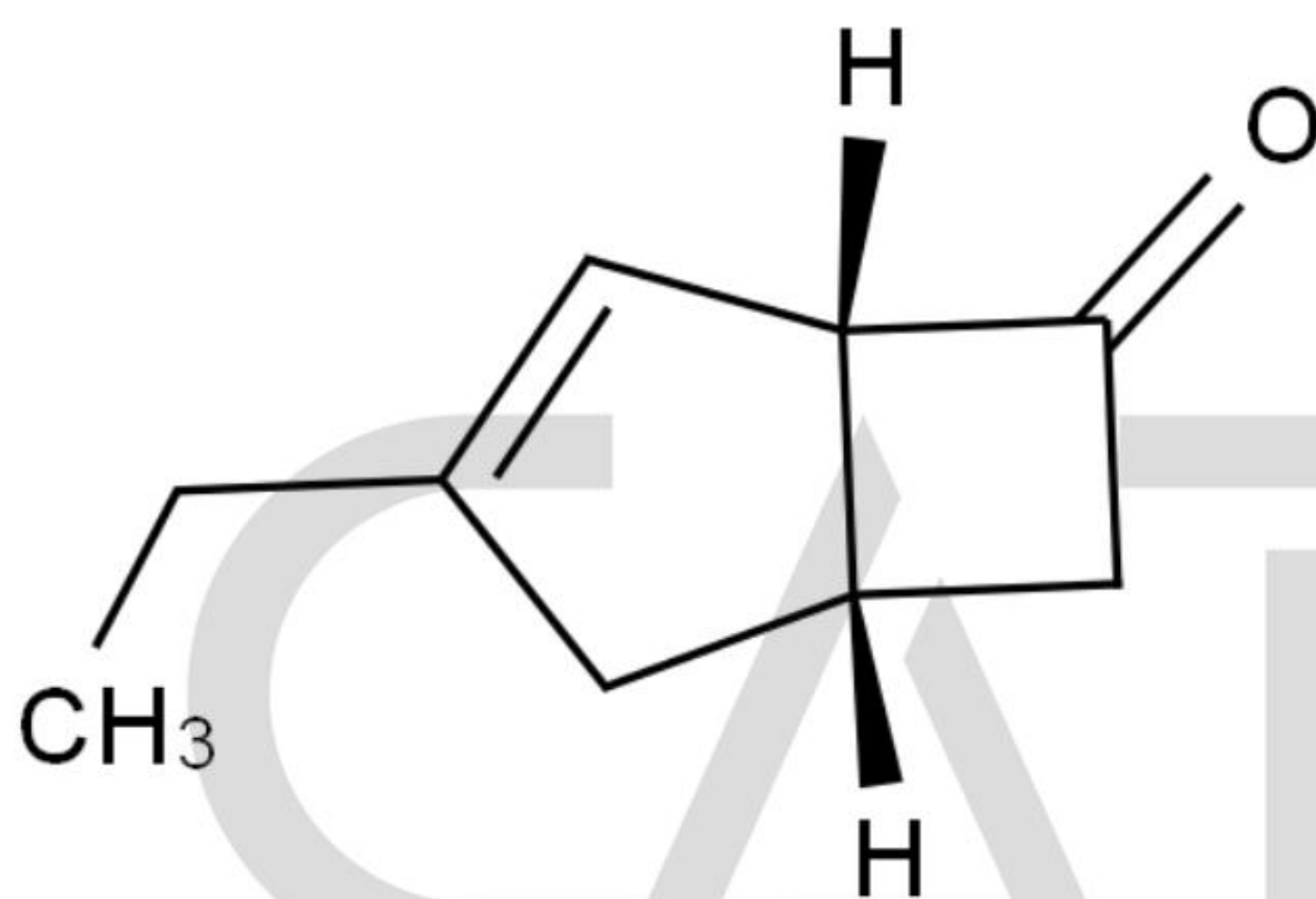


Certificate of Analysis

Reference Material & Standard

Product Name:	Mirogabalin Impurity N81	Catalogue Number:	CP155181
Synonyms:	N/A	Lot Number:	1224-RG-0092
CAS Number:	1235479-60-3	Expiry Date:	Nov 09, 2029
Molecular Formula:	C ₉ H ₁₂ O	Storage:	-20°C±5°C Protected from light and Sealed
Molecular Weight:	136.19	Shipping Condition:	Shipping with Ice Packs

Chemical Structure:



Test Items	Method	Results
Appearance	Visual inspection	Pale Yellow Oil
Identification	HRMS&UV&HNMR	Confirmed
Purity	HPLC	95.519%
Water Content	Karl Fischer	0.18%
Residual Solvents	NMR	Not detected in NMR
Assay		95.3%

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 25, 2025

Date: Dec 25, 2025

Date: Dec 25, 2025



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