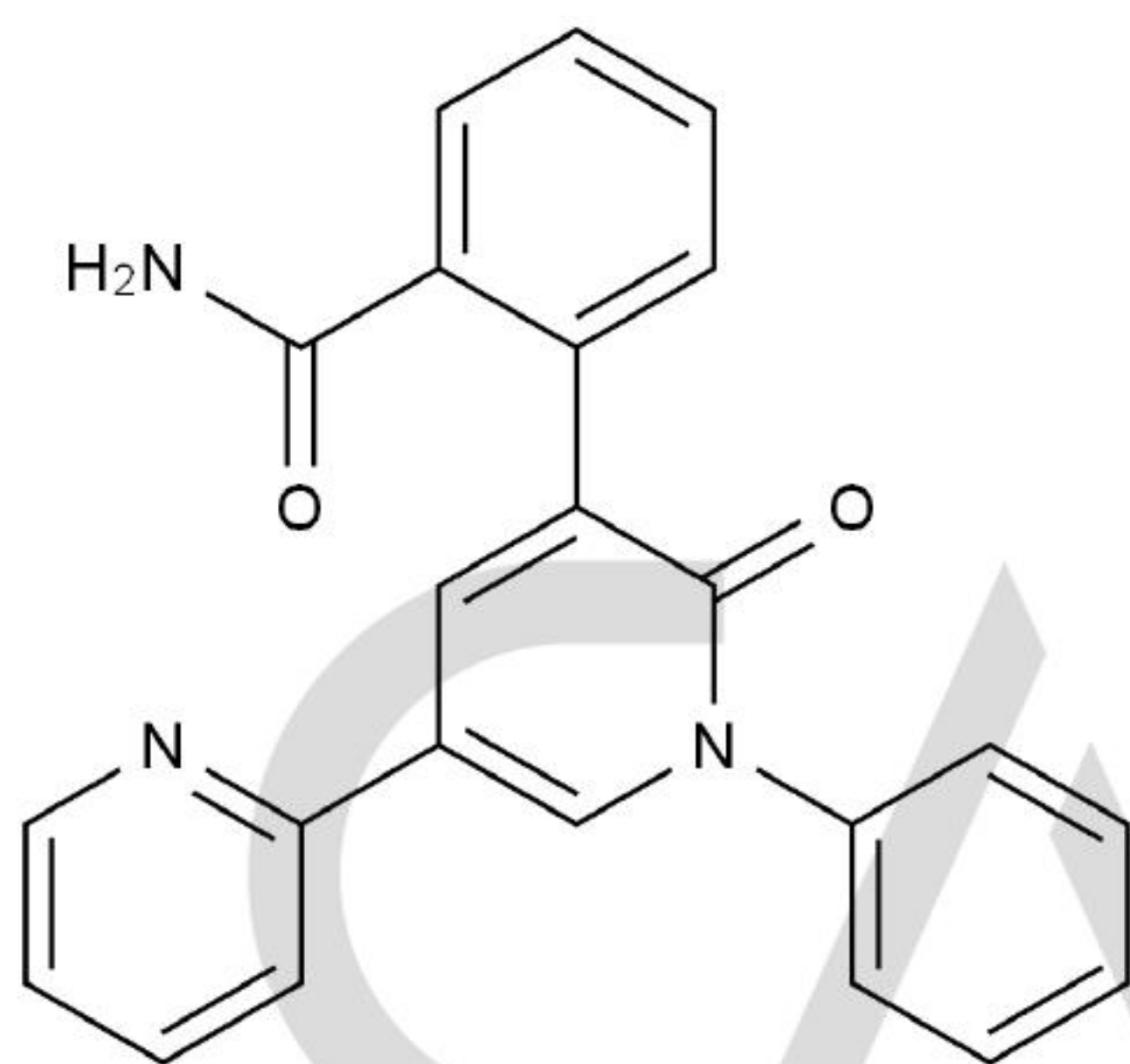


Certificate of Analysis

Reference Material & Standard

Product Name:	Perampanel Impurity 3	Catalogue Number:	C4X-24303
Synonyms:	N/A	Lot Number:	0909-RG-0052
CAS Number:	380919-34-6	Expiry Date:	Sep 14, 2029
Molecular Formula:	C ₂₃ H ₁₇ N ₃ O ₂	Storage:	2°C ~ 8°C Protected from light and Sealed
Molecular Weight:	367.40		

Chemical Structure:



Test Items	Method	Results
Appearance	Visual inspection	Off-White Solid
Identification	LCMS&HNMR	Confirmed
Purity	HPLC	99.852%
Loss On Drying	TGA	1.0560%
Assay		98.8%

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:

Lily

Approved by General Manager:

David

Date: Sep 15, 2025

Date: Sep 15, 2025

Date: Sep 15, 2025



Add: 3rd Floor, Building B, No.179, Guangpu Rd East, Huangpu District, Guangzhou, China

Tel: +86-20-81960175

Email: supports@cato-chem.com

Web: <https://www.cato-chem.com>

