

Certificate of Analysis

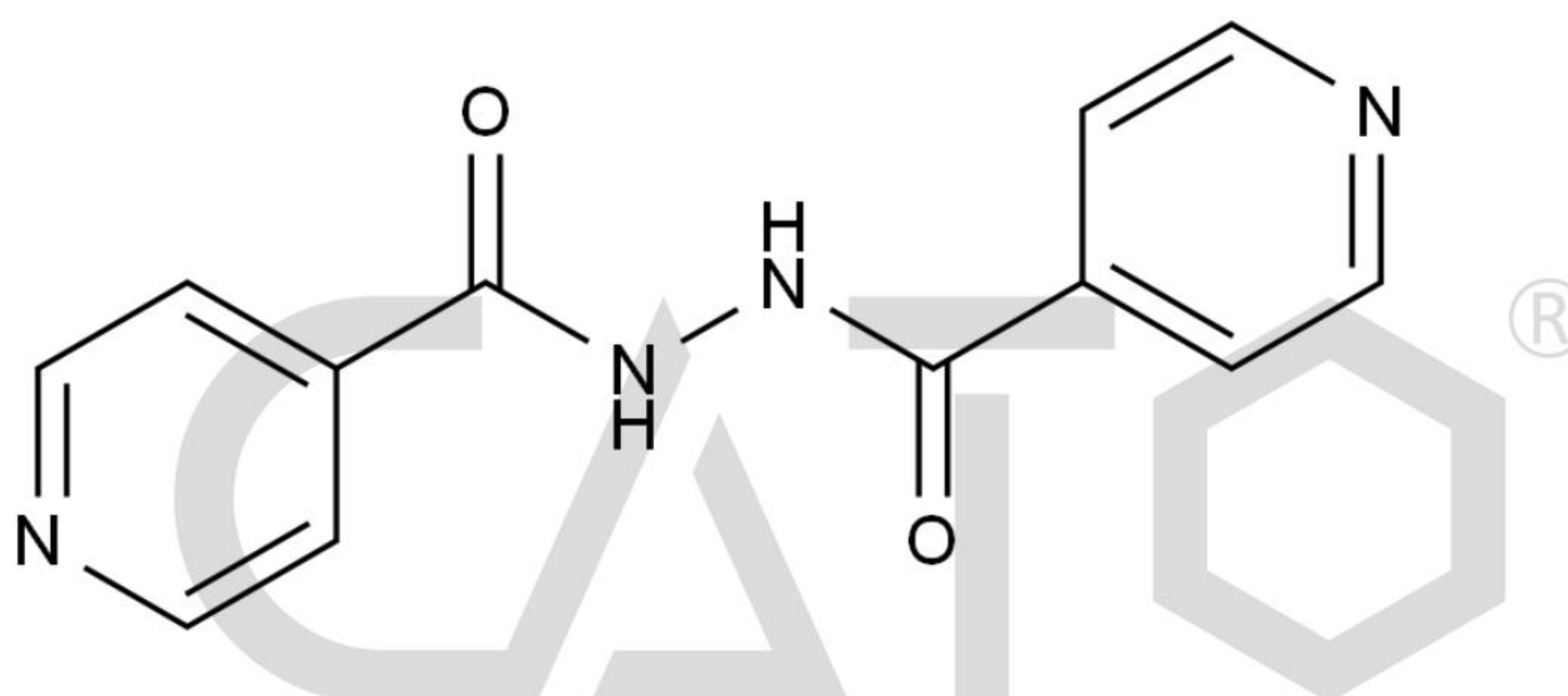
Reference Material & Standard

Product Name:	Topiroxostat Impurity 48	Catalogue Number:	C4X-105548
Synonyms:	N'-(pyridine-4-carbonyl)pyridine-4-carbohydrazide	Lot Number:	0330-RH-0159
CAS Number:	4329-75-3	Expiry Date:	Apr 01, 2030
Molecular Formula:	C ₁₂ H ₁₀ N ₄ O ₂	Storage:	-20°C±5°C Protected from light and Sealed
Molecular Weight:	242.23	Shipping Condition:	Shipping with Ice Packs

Warning:



Chemical Structure:



Test Items	Method	Results
Appearance	Visual inspection	White Solid
Identification	LCMS&HNMR	Confirmed
Purity	ELSD	98.077%
Loss on Drying	TGA	5.7822%
Assay		92.4%

Comment:

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

Assay (%) = (100% - Loss on Drying) * Purity ELSD (%) / 100%

Loss on Drying is considered as absolute effect, ELSD purity is considered as relative effect.

Signature:

Prepared by:

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Approved by General Manager:

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Date: Apr 02, 2026

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