

Certificate of Analysis

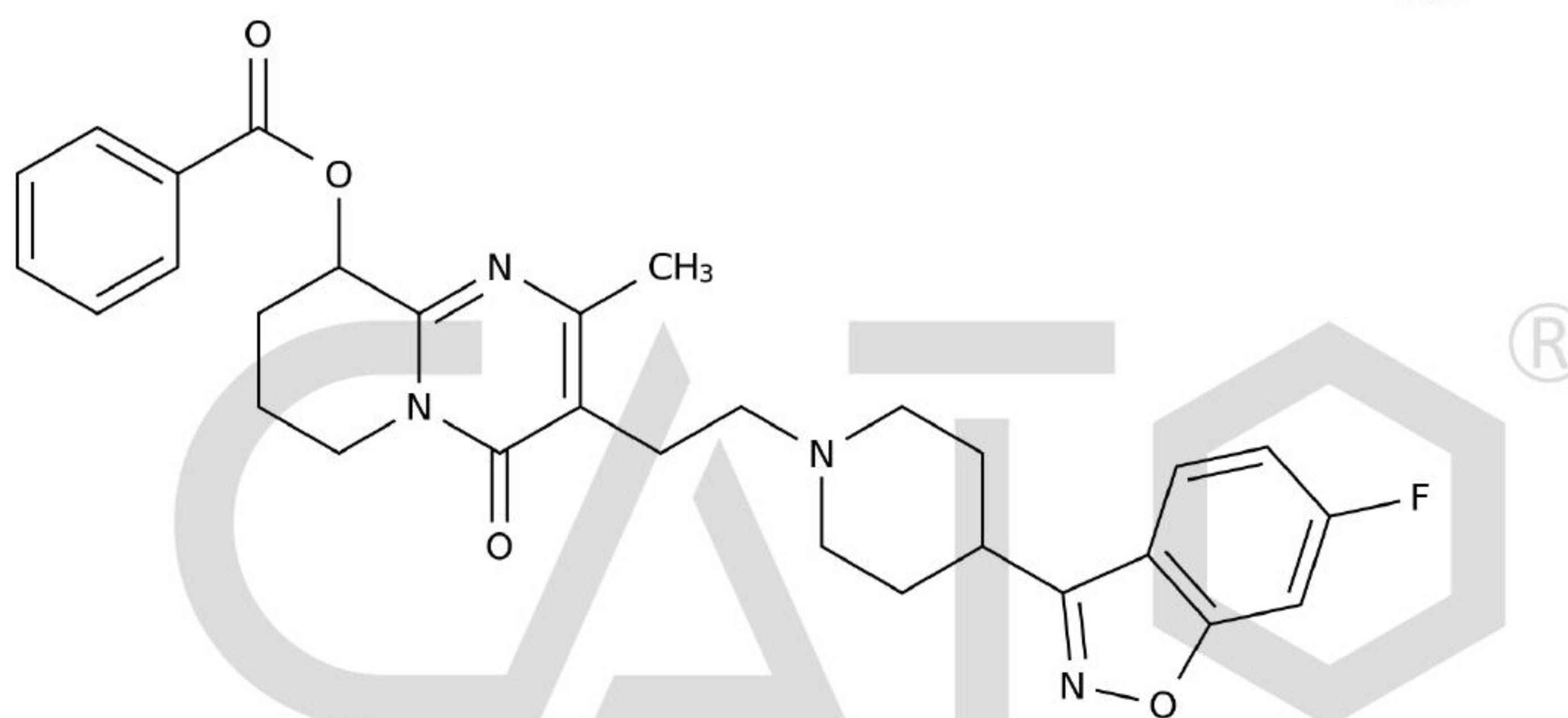
Reference Material & Standard

Product Name:	Paliperidone Impurity 38	Catalogue Number:	C4X-172438
Synonyms:	N/A	Lot Number:	0504-RE-0059
CAS Number:	N/A	Expiry Date:	May 04, 2026
Molecular Formula:	C ₃₀ H ₃₁ FN ₄ O ₄	Storage:	2°C ~ 8°C Protected from light and Sealed
Molecular Weight:	530.59	Shipping Condition:	Shipping at Room Temperature

Warning:



Chemical Structure:



Test Items	Method	Results
Appearance	Visual inspection	Yellow Powder
Identification	LCMS&HNMR	Confirmed
Purity	HPLC	98.29%
Loss on Drying	TGA	0.0867%
Assay		98.2%

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:

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Reviewed by:

Hinlam

Approved by General Manager:

David

Date: May 05, 2023

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Page 1 of 6



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