

Certificate of Analysis

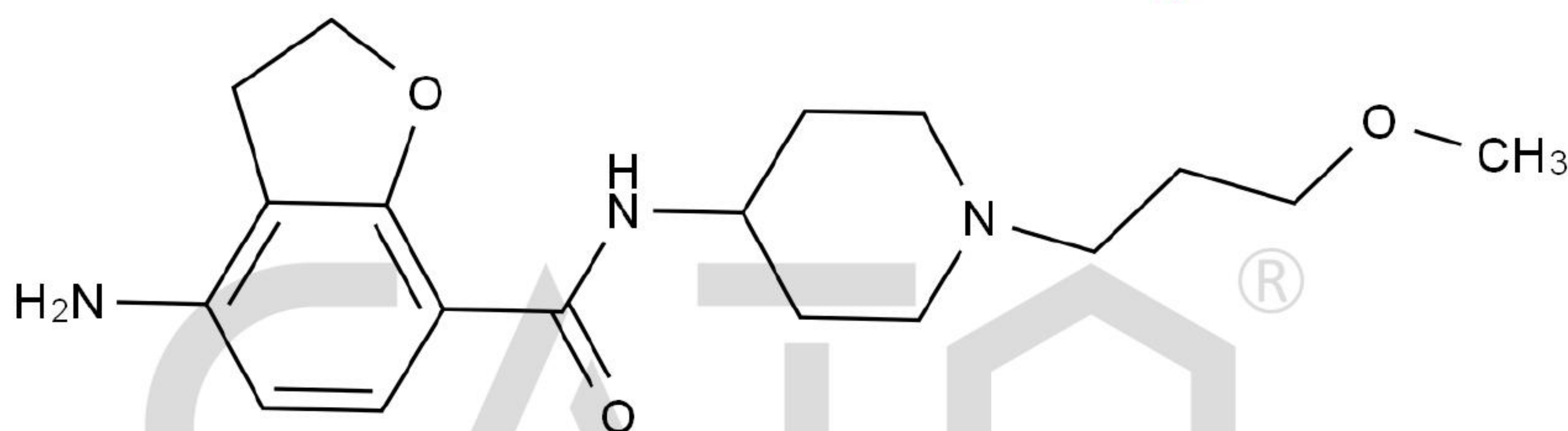
Reference Material & Standard

Product Name:	Prucalopride Impurity 3	Catalogue Number:	C4X-10383
Synonyms:	N/A	Lot Number:	1103-RG-0052
CAS Number:	1608459-56-8	Expiry Date:	Nov 06, 2029
Molecular Formula:	C ₁₈ H ₂₇ N ₃ O ₃	Storage:	2°C ~ 8°C Protected from light and Sealed
Molecular Weight:	333.43	Shipping Condition:	Shipping at Room Temperature

Warning:



Chemical Structure:



Test Items	Method	Results
Appearance	Visual inspection	Light Yellow Solid
Identification	LCMS&UV&CNMR&HNMR	Confirmed
Purity	HPLC	99.481%
Water Content	Karl Fischer	5.08%
Residual Solvents	NMR	Not detected in NMR
Assay		94.4%

Comment:

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

$\text{Assay (\%)} = (100\% - \text{Water Content} - \text{Residual Solvents}) * \text{Purity HPLC (\%)} / 100\%$

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

Signature:

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Approved by General Manager:

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Date: Nov 07, 2025

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