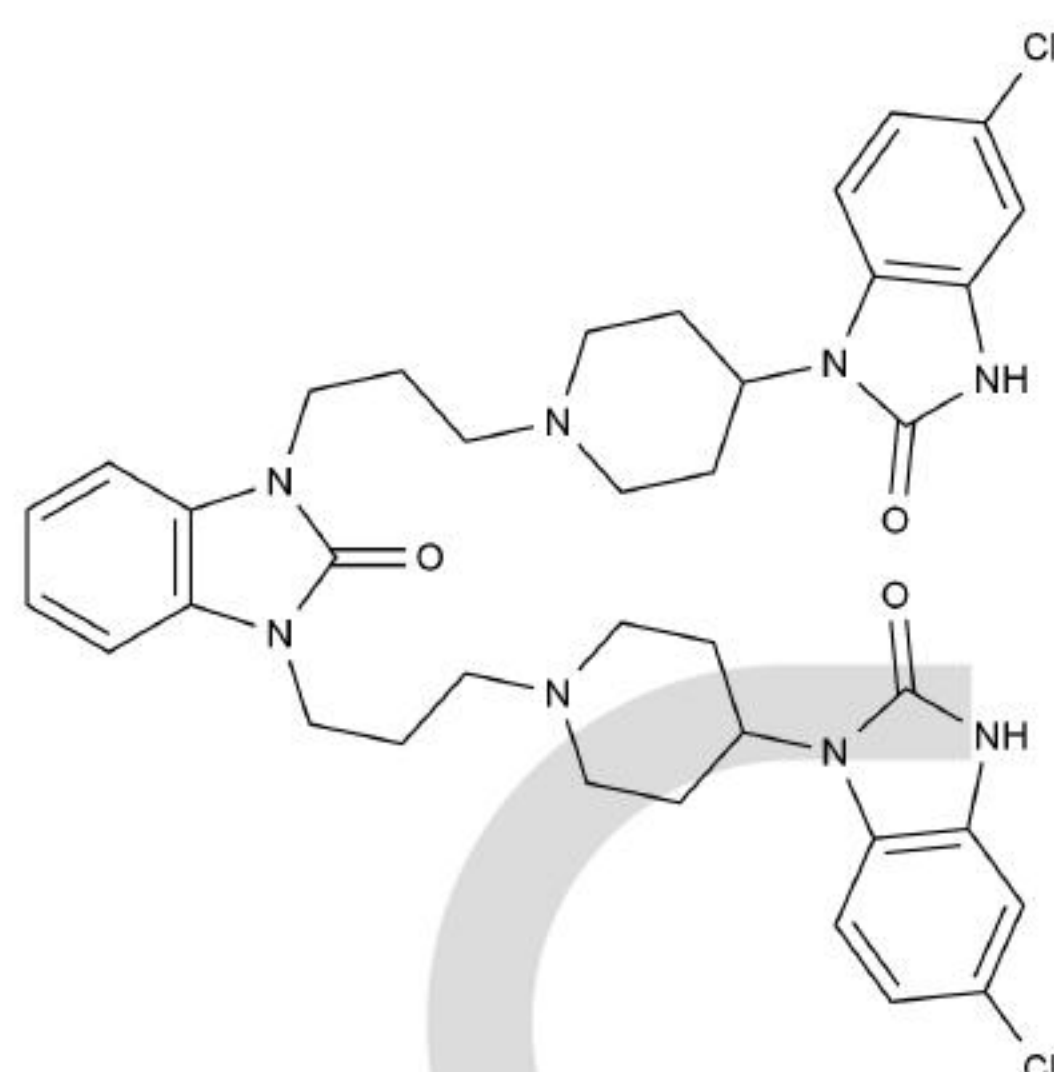


Certificate of Analysis

Reference Material & Standard

Product Name:	Domperidone EP Impurity F	Catalogue Number:	C4X-14206
Synonyms:	1,3-Bis{3-[4-(5-chloro-2-oxo-2,3-dihydro-1H-benzimidazol-1-yl)-1-piperidiny]propyl}-1,3-dihydro-2H-benzimidazol-2-one	Lot Number:	0210-RH-0060
CAS Number:	1391053-55-6	Expiry Date:	Mar 11, 2030
Molecular Formula:	C ₃₇ H ₄₂ Cl ₂ N ₈ O ₃	Storage:	-20°C±5°C Sealed
Molecular Weight:	717.69	Shipping Condition:	Shipping with Ice Packs
Solubility:	Soluble in Methanol and DMSO		

Chemical Structure:



Test Items	Method	Results
Appearance	Visual inspection	Yellow Solid
Identification	LCMS&IR&CNMR&HNMR	Confirmed
Purity	HPLC	97.904%
Residue on Ignition	TGA	0.7444%
Loss on Drying	TGA	1.5886%
Assay	qNMR	94.7%
Assay	Mass Balance	95.6%

Comment:

- The retest date of this product is Mar 11, 2029.
- The calculation of the mass balance method follows the formula (calculated on the non-dried basis):

$$\text{Assay (\%)} = (100\% - \text{Residue on Ignition} - \text{Loss on Drying}) * \text{Purity HPLC (\%)} / 100\%$$
Residue on Ignition and Loss on Drying are considered as absolute effect, HPLC purity is considered as relative effect.

Signature:

Prepared by:

Koi

Reviewed by:

Alice

Approved by General Manager:

David

Date: Apr 09, 2026

Date: Apr 09, 2026

Date: Apr 09, 2026



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