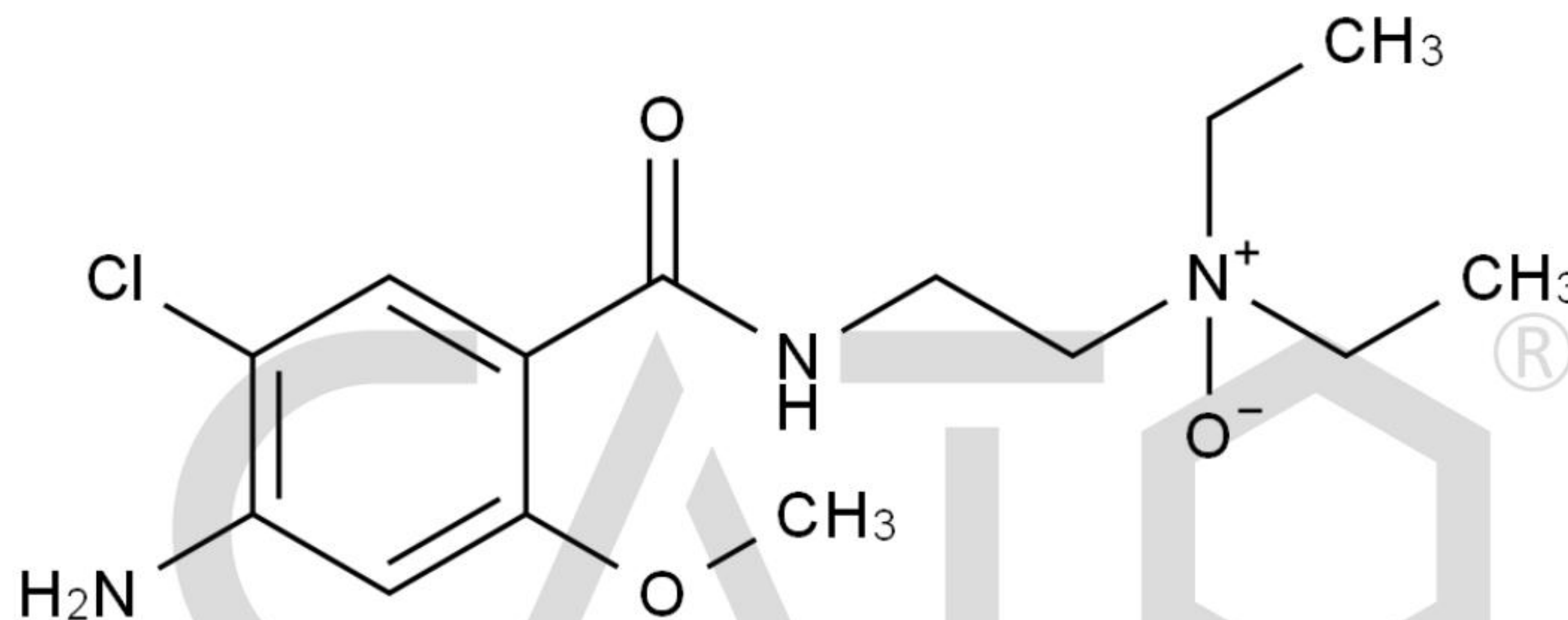


Certificate of Analysis

Reference Material & Standard

Product Name:	Metoclopramide EP Impurity G	Catalogue Number:	C4X-14157
Synonyms:	2-(4-amino-5-chloro-2-methoxybenzamido)-N,N-diethylethan-1-amine oxide	Lot Number:	0114-RH-0056
CAS Number:	171367-22-9	Expiry Date:	Jan 21, 2030
Molecular Formula:	C ₁₄ H ₂₂ ClN ₃ O ₃	Storage:	-20°C±5°C Sealed
Molecular Weight:	315.80	Shipping Condition:	Shipping with Ice Packs
Solubility:	Soluble in Acetonitrile and DMSO		

Chemical Structure:



Test Items	Method	Results
Appearance	Visual inspection	Off-White Solid
Identification	LCMS&IR&CNMR&HNMR	Confirmed
Purity	HPLC	99.883%
Residue on Ignition	TGA	0.5132%
Loss On Drying	TGA	6.6136%
Assay	qNMR	93.8%
Assay	Mass Balance	92.8%

Comment:

- The retest date of this product is Jan 21, 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: Jan 22, 2026

Date: Jan 22, 2026

Date: Jan 22, 2026



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