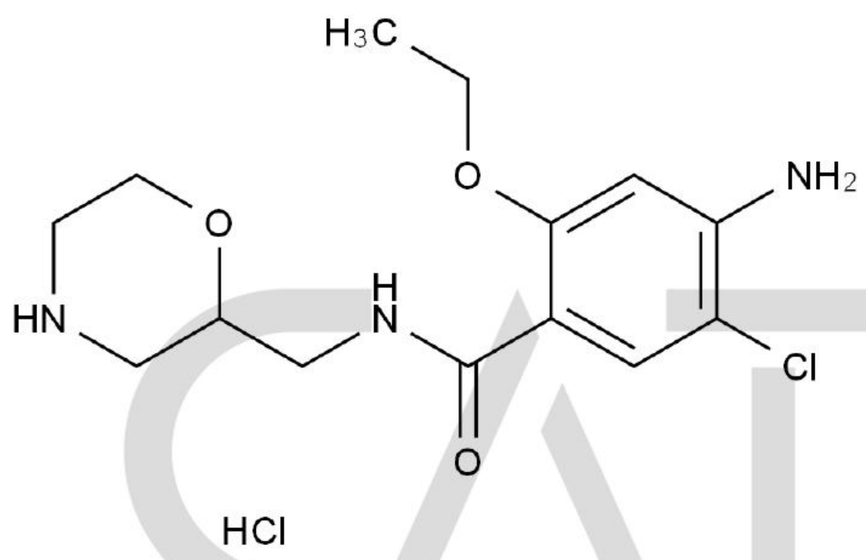
Certificate of Analysis

Reference Material & Standard

Product Name:	Mosapride Impurity 10	**Catalogue Number:**	C4X-104410
Synonyms:	N/A	**Lot Number:**	0516-RD-0049
CAS Number:	152013-26-8(free base)	**Expiry Date:**	May 17, 2025
Molecular Formula:	$C_{14}H_{20}ClN_3O_3$ HCl	**Storage:**	2°C ~ 8°C Protected from light and Sealed
Molecular Weight:	313.78 36.46		

Chemical Structure:



Test Items	Method	Results
Appearance	Visual inspection	White to Off-White Powder
Identification	LCMS&HNMR	Confirmed
Purity	HPLC	98.243%
Loss on Drying	TGA	4.4351%
Assay		93.9%

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: Debra Date: May 18, 2022

Reviewed by: Hinlam Date: May 19, 2022

Approved by General Manager: David Date: May 19, 2022

CATO Research Chemicals Inc.