

Certificate of Analysis

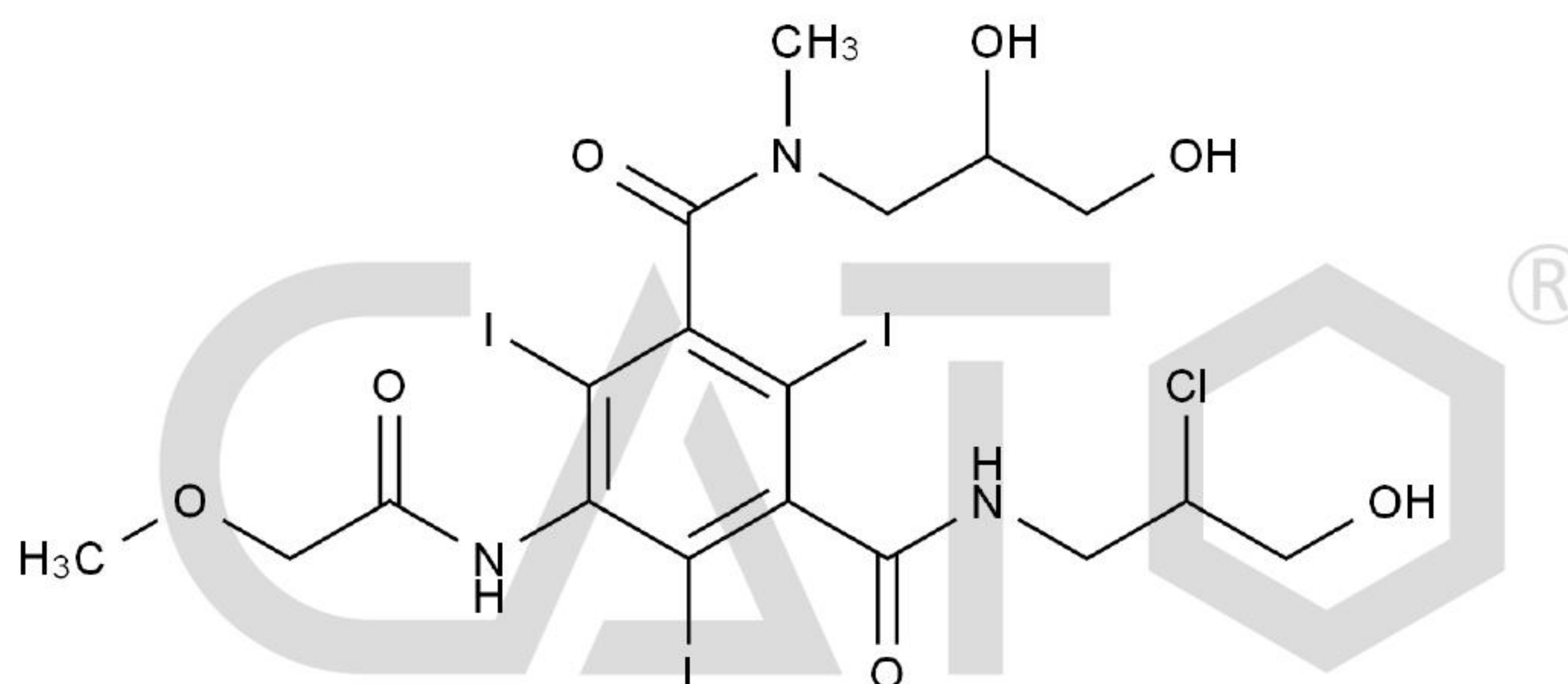
Reference Material & Standard

Product Name:	Iopromide EP Impurity G (Mixture of Diastereomers)	Catalogue Number:	C4X-18327
Synonyms:	N/A	Lot Number:	1010-RG-0041
CAS Number:	154361-53-2	Expiry Date:	Dec 23, 2028
Molecular Formula:	C ₁₈ H ₂₃ ClI ₃ N ₃ O ₇	Storage:	2°C ~ 8°C Protected from light and Sealed
Molecular Weight:	809.56		

Warning:



Chemical Structure:



Test Items	Method	Results
Appearance	Visual inspection	White Solid
Identification	LCMS&HNMR	Confirmed
Purity	HPLC	98.64%
Water Content	Karl Fischer	1.88%
Residual Solvents	NMR	0.19% triethylamine
Assay		96.6%

Comment:

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

Assay (%) = (100% - Water Content - Residual Solvents) * Purity HPLC (%) / 100%

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

Signature:

Prepared by:

Reviewed by:

Approved by General Manager:

Date: Oct 10, 2025

Date:

Date:

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